



In this issue.....

1. Children's Day and popularization of nutritious sorghum among the school children
2. NRCS Foundation Day
3. Monitoring of BSP and Mega Seed Project
4. Sorghum stalls
5. Vigilance awareness week observed
6. Farmers meet at Tenali
7. New scientists join NRCS
8. Promotion
9. Guest lectures
10. Visitors
11. Family news
12. Germplasm trials evaluated at Surat and Deesa
13. Evaluation of improved sorghum lines under high rain fall zones
14. Meetings / Seminar / Trainings / Conference attended
15. Official tours

Children's Day and popularization of nutritious sorghum among the school children

The programme on popularizing nutritional benefits of sorghum foods among school children was launched by Dr. Chinna Reddy, Hon.'ble Minster for Rural Development, Government of AP at District



Dr. Chinna Reddy, Hon.'ble Minster for Rural Development (AP) addressing the gathering on nutritional values of sorghum

social welfare hostel premises, Wanaparthi, Mahabubnagar district on the occasion of Children's day on 14 November, 2008. He distributed Jowar rotis and rawa laddus made from sorghum to 300 school children and staff of the social welfare hostel. He requested children to take the message to their parents and all rural households on nutritional values of sorghum and the range of products that

समाचार सारांश

स्कूल के छात्रों में पोषक ज्वार का प्रचार : डॉ. चिन्ना रेड्डी, माननीय ग्रामीण विकास मंत्री, आंध्र प्रदेश ने जिला समाज कल्याण हॉस्टल परिसर, वनपर्ती, महबूबनगर जिले में 14 नवंबर 2008 को *बाल दिवस* की पूर्व संध्या पर स्कूली छात्रों हेतु ज्वार आहार के पौष्टिक लाभ पर आयोजित कार्यक्रम का शुभारंभ किया ।

रा.ज्वा.अनु.कें. का स्थापना दिवस समारोह : राष्ट्रीय ज्वार अनुसंधान केंद्र ने 17 नवंबर 2008 को बड़े-ही उत्साह के साथ अपना 21वाँ स्थापना दिवस समारोह मनाया । इस विशेष अवसर पर *आहार, चारा, ईंधन व अन्यान्य प्रयोजनों हेतु ज्वार* पर चिंतन सत्र का आयोजन किया गया ।

बी.एस.पी. तथा महा बीज परियोजना की निगरानी : बी.एस.पी. तथा महा बीज परियोजना की बीज उत्पादन गतिविधियों में प्रगति की निगरानी के लिए डॉ आर डी एस यादव, प्र.अनवेषक, एस.पी.सी. (भा.कृ.अनु.प.), बीज अनुसंधान निदेशालय, मऊ, तथा डॉ. एम गणेश, प्र.वै.(एस.पी.) तथा अध्यक्ष, राष्ट्रीय बीज परियोजना, हैदराबाद ने 4 नवंबर को राष्ट्रीय ज्वार अनुसंधान केंद्र का दौरा किया

ज्वार स्टाल : राष्ट्रीय ज्वार अनुसंधान केंद्र ने ज्वार के प्रचार-प्रसार के उद्देश्य से सार्क कृषि मंत्रियों की बैठक (3-5 नवंबर 2008) के दौरान *एन.ए.एस.सी. कांप्लेक्स, नई दिल्ली* तथा भा.कृ.अनु.प. अंतर क्षेत्रीय खेलकूद प्रतियोगिता (17-20 नवंबर 2008) के दौरान *आर.आर.सी.याउंड, सिकंदराबाद* में ज्वार स्टाल लगाया ।

जागरूकता सतर्कता सप्ताह : केंद्र में 3-8 नवंबर 2008 के दौरान भा.कृ.अनु.प. दिशा-निर्देशों के अनुसार 3 नवंबर 2008 को स्टाफ द्वारा ईमानदारी एवं निष्ठा की शपथ लेकर जागरूकता सतर्कता सप्ताह मनाया गया ।

अतिथि व्याख्यान : डॉ. बी सुब्बारायुडु वरिष्ठ कीटविज्ञानी ने तेनाली में तथा डॉ. विलास ए टोणपी, प्रधान वैज्ञानिक ने धारवाड, बारापाणी तथा भोपाल में अतिथि व्याख्यान दिया ।

पदोन्नति : कृषि वैज्ञानिक चयन मंडल की सिफारिश पर डॉ. जी श्यामप्रसाद, वरिष्ठ वैज्ञानिक को परिषद द्वारा रा.ज्वा.अनु.कें. में प्रधान वैज्ञानिक के रूप में नियुक्त किया गया । *उन्हें हार्दिक बधाई !*

नए वैज्ञानिकों द्वारा कार्यभार ग्रहण : डॉ. जानकी शरण मिश्र तथा डॉ. सुजय रक्षित ने क्रमशः 19 तथा 29 नवंबर 2008 को रा.ज्वा.अनु.कें. में प्रधान वैज्ञानिक के रूप में कार्यभार ग्रहण किया । *केंद्र में उनका स्वागत है !*

आगंतुक : श्री मल्लीकार्जुन राव, उद्यमी, राजमंड्री तथा श्री अनंत पांडे , मुख्य प्रचालक अधिकारी, इंडो-ग्रीन फ्यूल कंसलटेंट (प्रा) लि; नई दिल्ली ने क्रमशः 6 तथा 15 नवंबर 2008 को राष्ट्रीय ज्वार अनुसंधान केंद्र का दौरा किया ।

हिंदी सारानुवाद : डॉ. महेश कुमार



Sorghum products being distributed to school children

can be developed. He also stated that, grain and food processing technologies should aim at providing livelihood to small-scale entrepreneur, especially to rural women. Dr. B Dayakar Rao, CPI, outlined the research and development efforts at NRCS, National Institute for Nutrition (NIN) and other private partners in bringing sorghum foods for improving nutrition and health of school children on pilot scale. Dr. Rajendra Prasad, NIN and Mrs. Chinnamma Thomas, RDS also spoke on the occasion. During this function, various sorghum based products were displayed. This programme was jointly organized by NRCS and NIN and facilitated by RDS, Wanaparthy under the NAIP sub-project on "Creation of demand for millet foods through PCS value-chain". Mr. D Gopala Krishna and Mrs. A Annapurna, Technical officers did the ground-work for the display and distribution of sorghum foods and also actively participated in this event.

NRCS Foundation Day

On the special occasion of its Birthday NRCS on 17 November 08, a brainstorming session on "Sorghum



Director appraising the achievements and recent developments at NRC for Sorghum

for food, fodder, feed, fuel and more... " was organized. The task force leaders of NRCS presented the progress made under twelve themes during the last one year. Former Directors of NRCS Drs NGP Rao, R Vidyabhushanam and BS Rana participated in the deliberations. Director, NRCS

appraised them on the institute activities and recent developments. Dr. DM Hegde, Director. DOR, Dr. KS Varaprasad, O I/c, NBPGR (RS), and Dr. Bentur, Principal Scientist (Ent) DRR also graced the occasion. Many useful suggestions were made to further improve the research at NRCS. The programme was coordinated by Dr. M Elangovan, and terminated with a lunch with sorghum foods.

Monitoring of BSP & Mega Seed Project

Dr. RDS Yadav, PI, SPC (ICAR), Directorate of Seed Research, Mau, Uttar Pradesh, and Dr. M Ganesh, PS (SP) and Head, SRTC, National Seed Project, ANGRAU, Hyderabad visited NRCS on 4



Officials being explained about the progress made in BSP and Mega Seed Project

November 08. The members monitored the progress made at NRCS in the seed production activity of BSP and Mega seed project. Drs. Vilas A Tonapi and N Kannababu explained the progress at NRCS.

Sorghum stalls

NRC Sorghum is on popularization spree of sorghum foods as nutritious and health foods. This institute is utilizing every opportunity to canvass for these products. Recently sorghum food stalls were set up at New Delhi and Secunderabad.

1. At NASC Complex, New Delhi: NRCS set up a sorghum stall on the eve of "Extra-ordinary meeting of the SAARC Agricultural ministers" held at NASC complex, organized by the ICAR at New Delhi during 3-5 November 2008. More than 100 dignitaries including the Hon'ble Agricultural Ministers and delegates from SAARC countries from Bhutan, Maldives, Bangladesh, Sri Lanka, Pakistan, and Afghanistan, visited the stall. Dr. Mangala Rai, Director General, and Dr. PL. Gautam, Dy. Director General (CS) and other dignitaries and scientific fraternity from ICAR participated in this meet. The visitors showed keen interest especially on the innovative products



Delegates from Bhutan keenly observing the sorghum products

developed from sorghum grain and stalk. The importance of sorghum as health and nutritious food was explained to the visitors and relevant literature was distributed. They also tasted the sorghum foods, served with the lunch and appreciated its quality. Dr. Ch Sashidhar Reddy and Mr. D Gopala Krishna organized and ran the NRCS stall.

2. At RRC Grounds, Secunderabad: NRCS also set up a sorghum stall at the venue of "ICAR-Interzonal Sports meet" organized by NAARM, held at RRC Grounds, Secunderbad, during 17-20 November 2008. About 200 participants visited the sorghum stall. The sports personnel were told about the nutritional and other health benefits of sorghum. The delegates were impressed with the sorghum foods served to them. Mr. D Gopala Krishna and Ms. A Annapurna organized and ran this exhibition.

Vigilance awareness week observed

NRCS observed "Vigilance awareness week" from 3 - 8 November, 08. This event commenced with an oath



Oath taking ceremony in progress against corruption

taking ceremony on 3 November as per Council's guidelines. All staff took a pledge in the national language to eradicate corruption in all spheres of life and also to do duties without any fear or favour.

Farmers meet at Tenali

Dr. B Subbarayudu, Sr. Entomologist delivered a lecture on sorghum and its importance during the "Farmers-meet" organized by the *Raithu Samakhya*, a registered farmers' society at Tenali in Guntur district, Andhra Pradesh on 19 November, 08. The farmers here are interested in growing sorghum after the paddy harvest. Dr. Rayudu briefed the farmers from nontraditional sorghum areas about the benefits of sorghum cultivation, the economics, and increasing demand for sorghum grain as health food in urban areas and as a forage crop to increase milk yields in dairy cattle.

New scientists join NRCS



Dr. Janaki Sharan Mishra, previously Senior Scientist (Agronomy) at NRC Weed-Science at Jabalpur joined NRC Sorghum as Principal Scientist on 19 November 08. His e-mail id is: mishra@nrscorghum.res.in.

Dr. Sujay Rakshit worked as Senior Scientist (Genetics), Directorate of Maize Research, New Delhi joined at NRC Sorghum as Principal Scientist (Plant Breeding) on 29 November 08. His e-mail id is: rakshit@nrscorghum.res.in.



Dr. Mishra and Dr. Rakshit - welcome to the sorghum family...

Promotion



On the recommendations of the ASRB, **Dr. G Shyam Prasad**, Senior Scientist (Agriculture Entomology) at NRC Sorghum has been appointed (against advertisement) as Principal Scientist by the Council.

Congratulations to Dr. Prasad.

Guest lectures

Dr. Vilas A Tonapi, Principal Scientist, delivered lectures on "Database management in relation to IP generation" as invited key speaker in the ICAR organized training programme on IP-Technology management. He delivered these lectures at UAS, Dharwad, North-eastern hill research complex, Barapani, Meghalaya and CIAE, Bhopal during November 2008, as per the invitation of the ADG (IPR).

Visitors

Sorghum has once again attracted the attention of entrepreneurs. **Mr. Mallikarjuna Rao** an entrepreneur from Rajahmundry has visited NRCS on 6 November 08. He was impressed by the telecast of our program on sorghum foods and utility of *roti* making machine in Doordarshan. He has plans to open a "Millet food court" at Rajahmundry, a town located in a coastal district of AP, which is currently in a non-traditional



Director briefing about gaining popularity of sorghum as health food to Mr. Mallikharjun

area for sorghum consumption. According to him there is lot of interest in sorghum among the middle and upper class urban groups owing to its nutritional values and to control diabetics. Director briefed him about the importance of sorghum as health and nutritious food. Drs CV Ratnavathi, Principal Scientist and B Dayakar Rao, Senior Scientist also participated in the deliberations. NRCS has extended full support for technical guidance to establish the proposed millet food court through the millet food popularization project of NRCS.

Mr. Anant Pande, Chief Operating Officer, Indo-Green Fuel Consultants (P) Ltd, New Delhi visited NRCS on 15 November 08. He had a brief discussion with the Director and Dr. AV Umakanth, Senior Scientist, to promote sweet sorghum as a bio-energy crop and large scale commercial production.



Dr. Anant Pande being briefed about the benefits of sorghum as a bio-energy crop

Family News

Recognition to Ms. N Rashmikaa



Ms. N Rashmikaa D/o. Dr. N Kannababu, V Std, in St Paul's High School, Hyderabad received the merit certificate from Eduheal Foundation and its council of advisors for her "Distinctive performance" in the 1st International

Cyber Olympiad held on 28 August 2008, in India and abroad. Eduheal foundation, New Delhi is a recognized NGO seeking to improve the well-being of the general public through the awareness of educational and health issues.

Congratulations to Ms. Rashmikaa for this achievement.

AICSIP News

Germplasm trials monitored at Surat and Deesa

Drs. M Elangovan and KV Raghavendra Rao, from NRC sorghum visited the Athwa farm at Surat on 20 November, 2008. Dr. Elangovan monitored the germplasm trial. A total of 160 IS lines collected during 1970-80 by NBPGR-ICRISAT and 44 accessions collected by NRCS during kharif 2007 were being evaluated here. They were supplied to this station for utilization under repatriation, as the germplasm at this centre was damaged during the floods in 2006. This plot was submerged twice in rain water at seedling stage. However, the stand of the crop is good.



Drs. M Elangovan and NB Patel screening germplasm at Deesa Centre

The team also visited Deesa centre on 21 November, 2008 where 205 forage germplasm lines were being evaluated. Some of the rabi germplasm lines are preferred by the farmers for its stay green. A crossing programme is proposed by this centre, between local Malwan and the stay-green rabi germplasm lines.

Evaluation of improved sorghum lines for resistance to grain molds under high rainfall zones of Karnataka

Dr TG Nageshwar Rao, Principal Scientist, evaluated sorghum for resistance to grain molds under high rainfall (>1000 mm) zones of Karnataka during Kharif 2008 at two locations viz., Hassan and Shimoga. Twenty five advanced breeding lines were evaluated along with five checks for their reaction to grain molds of sorghum under natural conditions. Six entries have shown high level of mold resistance. The incidence of mold was more severe at Hassan district. At Kolhapur the same trial was planted but vitiated.

Official Tours

S. No	Name of the Official	Place Visited	Dates	Purpose
1	Ch Sashidhar Reddy & D Gopala Krishna	NASC complex New Delhi	1-6 Nov, 08	To install NRCS foods Exhibition stall at NASC during SAARC Agri. Ministers meeting.
2	Aruna C	KVK, Wanaparthy	4 Nov, 08	Monitoring of NAIP project activity.
3	Vilas A Tonapi	GKVK, UAS, Bangalore	5 Nov, 08	To deliver an invited lecture on data books management for IP in ICAR organized workshop.
4	VR Bhagwat	RARS, Tandur	6 & 29 Nov, 08	Sowing and monitoring of seed multiplication materials at Tandur.
5	N Seetharama	NAARM, Hyderabad	11 Nov, 08	To participate in the inauguration programme of PGD- ITMA.
6	B Dayakar Rao, A Annapurna, D Gopala Krishna & HS Gawali	RDS, Wanaparthy	14 Nov, 08	To participate in the launch programme of nutritional evaluation of sorghum foods on school children.
7	B Subbarayudu	Tenali, Guntur Dist.	19 Nov, 08	To deliver a lecture at farmers meet organized by the <i>Raithu Samakhya</i> .
8	Vilas A Tonapi	NEH Research Complex, Barapani, Meghalaya	19 -22 Nov, 08	To deliver an invited lecture on data books management for IP in ICAR organized workshop.
9	M Elangovan & KV Raghavendra Rao	Surat, Banaskantha, Surendranagar, Mehsana, Patan, Ahmedabad districts of Gujarat	19 – 25 Nov, 08	Sorghum germplasm collection and monitoring of GP trials at Deesa and Surat Centres.
10	VR Bhagwat	CRS, Solapur	20 Nov, 08	Pest observations in AICSIP trials at Solapur.
11	N Seetharama	MANAGE, Hyderabad	25 Nov, 08	To deliver a lecture on the topic " <i>Consortia based research: Experience of NAIP programme</i> ".
12	N Seetharama	Pargi , RR Dist	27 Nov, 08	To visit Bt cotton fields and to search three isolations for sorghum seed multiplication during rabi 2008.
13	N Seetharama	Agro-biotech Foundation, Rajendranagar, Hyderabad	28 Nov, 08	To participate in a discussion on future agricultural development, sponsored by IITM on behalf of PMO.
14	Vilas A Tonapi	CIAE, Bhopal	28-30 Nov, 08	To deliver an invited lecture on data books management for IP in ICAR organized workshop.

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

S. No	Name of the official	Participated in	Type	Venue	Dates
1	KJ Mathai	National Seminar on Hindi	S	CIFT, Cochin, Kerala	11-14 Nov,08
2	SS Rao & HS Talwar	Plant physiology congress	C	IARI New Delhi	11-14 Nov,08
3	IK Das, N Kannababu & K Hariprasanna	1 st AP Science Congress 2008	S	Osmania University, Hyderabad	14-16 Nov, 08
4	A Venkateswar Rao	Training programme on "ICT Tools in Government Organizations"	T	NIC , Hyderabad	17-28 Nov, 08
5	N Seetharama	Meeting called by the DDG (CS) to review progress in varietal registration with PVP&FR Authority	M	ICAR, New Delhi	24 Nov, 08
6	S Audilakshmi	Meeting of the Central sub-committee on crop standards notification and release	M	New Delhi	26 Nov, 08
7	N Seetharama, SS Rao & Monika Dalal	Indo-US conference on "Bio Process & Bi-Products Technology Trends & Opportunities"	C	Hotel Taj Krishna, Hyderabad	27-28 Nov, 08



Thought for the month

Happiness is nothing but the full use of your powers along lines of excellence

-John F. Kennedy

Printed Matter / Book Post

To



Compilation & lay-out by:

Dr. KV Raghavendra Rao
Sh. K Sanath Kumar & Sh. HS Gawali

Edited and published by:

Dr. N Seetharama, Director,

From:

National Research Centre for Sorghum (NRCS), ICAR

Hq. Rajendranagar, Hyderabad, 500 030 (AP)
Tel: 040-24015349, 24018651
Fax: 040-24016378
Email: nrchyd@ap.nic.in
Website: www.nrcjowar.res.in

Centre on Rabi Sorghum (NRCS), NH 9,
Bypass , Shelgi, Solapur - 413 006 (Mah.)
Tel: 0217-2373456
Telefax: 0217-2373456
E mail: raut@nrсорghum.res.in

Off-season Nursery (NRCS),
ARS Farm, Mulugu Road,
Warangal - 506 007 (AP)
Tel: 0870-2530963
Telefax: 0870-2530963