



# ज्वार अनुसंधान निदेशालय

## Directorate of Sorghum Research

### घटनाक्रम तथा समाचार Happenings & News



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#### AICSIP Meeting at DSR

A meeting of AICSIP station in-charges and breeders was held on 04 July, 2011 at the Directorate of Sorghum Research, Hyderabad to discuss aspects



The AICSIP centre in-charges meeting in progress

related to automation of AICSIP trial data analysis and the perspective of the AICSIP centers for the XII Plan. The meeting was attended by 12 centers, viz., Akola, Parbhani, Rahuri, Phaltan, Palem, Tandur, Coimbatore, Kovilpatti, Dharwad, Bijapur, Deesa and Surat. At the outset, Dr. Sujay Rakshit, Nodal Officer highlighted the need and importance of automation of AICSIP trial preparation, execution and data analysis. Dr. JV Patil, Director and Project Coordinator welcomed the participants and pointed out the possible pitfalls in experimentation with respect to design, analysis and interpretation of results. He expressed his deep concern on the high coefficient of variation observed in experiments that are being conducted at some AICSIP centres. The guest speaker, Dr. Rajendra Prasad, Head

#### समाचार सारांश

निदेशालय में अ.भा.स.ज्वा.उ.प. केंद्रों के प्रभारी एवं प्रजनकों की बैठक : अ.भा.स.ज्वा.उ.प. केंद्रों के विभिन्न पहलुओं जैसे - अ.भा.स.ज्वा.उ.प. परीक्षणों व आंकड़ों के विश्लेषण का स्वचालन तथा 12वीं योजना में केंद्रों का दायित्व आदि विषयों पर चर्चा हेतु निदेशालय में 04 जुलाई 2011 को अ.भा.स.ज्वा.उ.प. केंद्रों के प्रभारी एवं प्रजनकों की बैठक संपन्न हुई। डॉ. जे वी पाटील, परियोजना निदेशक ने सहभागियों का स्वागत किया।

निजी साझेदारों के साथ समझौते जापान पर हस्ताक्षर : उद्यमशीलता विकास तथा ज्वार उत्पादों के व्यावसायीकरण को ध्यान के रखकर जुलाई माह के दौरान निदेशालय ने निजी अभिकरणों - सर्वश्री कोटाराम एगो फूड्स प्रा.लि., सर्वश्री भवानी एस एस इंडस्ट्रीज प्रा.ली. तथा सर्वश्री सिल्ड एयर कार्पोरेशन के साथ समझौते जापान पर हस्ताक्षर किए।

स्थानांतरण : निदेशालय में कार्यरत डॉ विलास ए टोणपी, प्रधान वैज्ञानिक का भा.क.अनु.सं. नई दिल्ली के बीज विज्ञान एवं प्रौद्योगिकी प्रभाग के अध्यक्ष के रूप में चयन हुआ है। अतः उन्हें अपने नए दायित्व का वहन करने हेतु निदेशालय से 20 जुलाई 2011 को कार्यभार मुक्त किया गया। निदेशालय के स्टाफ सदस्यों ने उन्हें सफल कैरियर तथा उज्ज्वल भविष्य हेतु शुभकामनाएं प्रदान कीं।

जालना समाचार : जननद्रव्य वंशक्रमों के मूल्यांकन तथा नए संकरों व चारा ज्वार के मूल्यांकन हेतु निदेशालय के बदनापुर प्रक्षेत्र में सफलतापूर्वक बुआई की गई।

मीडिया कवरेज : तेलुगु के एक लोकप्रिय समाचार चैनल एचएमटीवी ने निदेशालय में तैयार किए जा रहे ज्वार खाद्य पदार्थ के प्रसंस्करण व बनाने की विधि का प्रसारण किया। इस चैनल ने ज्वार अनुसंधान एवं विकास, ज्वार खाद्य पदार्थ तथा उनके प्रचार-प्रसार हेतु उठाए गए नए कदम के संबंध में 15 जुलाई 2011 को डॉ. जे वी पाटील, निदेशक तथा डॉ. बी दयाकर राव, प्रधान वैज्ञानिक का साक्षात्कार भी लिया तथा उसी सप्ताह में उसका प्रसारण किया।

#### आगंतुक

श्रीमती उषा रानी, आयुक्त एवं निदेशक - कृषि, आंध्र प्रदेश ने 30 जुलाई 2011 को निदेशालय का दौरा किया तथा उन्होंने गहन कदन्न संवर्धन कार्यक्रम के माध्यम से पोषण सुरक्षा के कार्यान्वयन हेतु भारत सरकार की रूपरेखा पर चर्चा की।

नया प्रकाशन : निदेशालय के नए प्रकाशन डीएसआर - विज्ञान 2030 को भाकृअनुप का अनुमोदन प्राप्त हुआ। इस प्रकाशन में भारत में ज्वार सुधार तथा वर्तमान परिदृश्य संबंधित संपूर्ण जानकारी दी गई है।

हिंदी सारानुवाद : डॉ. महेश कुमार

& Professor, Indian Agricultural Statistical Research Institute (IASRI), New Delhi dealt in detail the Design Resource Server of IASRI. Dr. A Dhandapani, Principal Scientist, NAARM gave an overview of the on-line module for AICRP automation. The Director, DSR envisioned that there is a need to have very strong programme in future for research and create good example for others and always have a goal to be the best All India Coordinated Research Programme in ICAR. The meeting ended with a vote of thanks by Dr. VR Bhagwat.

### MoUs on Commercialization of Sorghum food technologies

As a part of entrepreneurship development and commercialization of sorghum products DSR has entered into MoU with Private agencies.

#### M/s Kottaram Agro Foods Pvt Ltd

MoU was signed by DSR and M/s Kottaram Agro Foods Pvt Ltd, Bangalore, on 15 July 2011 for licensing the technology of sorghum based “ready to cook” dosa / idli powder and upma. Mr Prashant Parameswaran of M/s Kottaram Agro Foods Pvt Ltd and Dr JV Patil, Director, DSR were the signatories of this MoU. The company would market these products under their brand name in Tamil Nadu, Kerala, Karnataka and Maharashtra.

#### M/s Bhavani SS Industries Pvt Ltd, Bijapur

M/s Bhavani SS Industries Pvt Ltd, and DSR entered into an MoU for production of roasted sorghum flakes on 21 July, 2011. Mr. P. Tarase of M/s Bhavani SS Industries Pvt Ltd, Bijapur and Dr J V Patil, Director, DSR signed this MoU. M/s Bhavani SS Industries Pvt Ltd, Bijapur initiates and process sorghum grain into roasted flakes while marketing and promotion of these flakes will be taken care by DSR in collaboration with M/s Bhagyanagar Foods Pvt. Ltd, Hyderabad. The product will be sold under DSR’s Eatrite brand in Hyderabad. The Bijapur centre of AICSIP will facilitate the supply of grain and raw material for the manufacture of the food products.

#### M/s Sealed Air Corporation

DSR also signed a MoU with M/s Sealed Air Corporation, Bangalore on 21 July 2011 for testing the technology developed by M/s Sealed Air Corporation to produce sorghum stalk based particle boards and related products. Mr Seetharaman of M/s Sealed Air Corporation and Dr JV Patil, Director, DSR were the signatories of this MoU.

All the above MoU’s were coordinated by Dr B Dayakar Rao, Principal scientist, DSR and CPI of NAIP’s sub-project on millets value chain.

### Sorghum food stall at NAFED bazaars, New Delhi

Sorghum food stalls exhibiting sorghum based

processed foods and ready-to-eat foods were organized at NAFED bazaars located at Krishi Bhavan, Ashram Road and other areas in New Delhi from 26 July to 30 July 2011. This was a part of the popularization activity of DSR to create awareness among public about sorghum based health foods. A large number of visitors encompassing policy makers, scientists and private sector delegates visited the stall at Krishi Bhavan. Free samples were distributed to the customers. Good response and appreciation were received from visitors. These stalls were organized by Mrs. Vishala Devender, Technical officer, DSR.

### Sujay Rakshit at Purdue University



**Dr. Sujay Rakshit**, Principal Scientist, DSR is at Purdue University, USA, to work on association mapping in sorghum and mapping of dwarf mutation in maize. He is under the mentorship of Dr. G. Ejeta and G. Johal of the “Norman E. Borlaug International Agricultural Science and Technology Fellowship Program – 2010” from 15 July to 13 September, 2011.

### Transfer

DSR bid farewell to **Dr. Vilas A Tonapi**, Principal Scientist, at DSR on 21 June, 2011 on his selection as Head, Division of Seed Science and Technology,



*Director, DSR, presenting a memento to Dr. VA Tonapi*



*The Director, DSR recalling the services of Dr. VA Tonapi to the Institute*

IARI, Pusa campus, New Delhi. Dr. JV Patil, Director and other staff wished him a successful career and

fulfillment of his future endeavors. Dr. Vilas relieved from his duties at DSR on 20 July, 2011.

### Dr. S Audilakshmi received ICAR Award

Dr. S Audilakshmi, Principal Scientist, (Plant Breeding) at DSR received the ICAR's "Panjabrao Deshmukh



Dr. S Audilakshmi receiving the best scientist award from Hon'ble Agriculture Minister, Shri. Sharad Pawar

Outstanding Woman Scientist Award for the year 2010" on 16 July, 2011 at NASC auditorium, New Delhi. Hon.ble. Union Agricultural Minister Sh. Sharad Pawar presented the award and citation to Dr. Audilakshmi in the presence of Dr. S Ayyappan, DG, ICAR and other dignitaries.

### TV Coverage of sorghum Health foods

HMTV, a popular Telugu news channel telecasted the processing and making of sorghum health foods at DSR. They also aired the interview with Dr JV Patil, Director, DSR and Dr B Dayakar Rao, Principal Scientist pertaining to sorghum research and development, new initiatives particularly on sorghum foods and their promotion activities. This program was recorded on July 15, 2011 at DSR and telecasted in the same week.

### New Linkages

Mr Ella Krishna, Managing Director, Bharath Biotech International Ltd., Hyderabad visited DSR and had a discussion with Dr. JV Patil, Director and Dr. B Dayakar Rao for promotion of nutritional and health based Sorghum products. Dr. Patil explained the visitor on DSR efforts in promotion of sorghum for the benefit of dryland farmers and health conscious consumers. He evinced interest in having MoU with DSR to promote Jowar products for Mid-day meals and for export purpose.

Smt Usha Rani, Commissioner and Director of Agriculture, Government of Andhra Pradesh visited DSR on 30 July, 2011. Since, DSR is the Nodal Institute for setting up of Food processing units in Andhra Pradesh, She discussed about the modalities

in Implementation of Government of India initiatives on Nutritional Security through Intensive Millet Promotion Programme in Andhra Pradesh. She had also shown keen interest in value addition and processing technologies with respect to millets as Government of India is planning to distribute processing units to the Entrepreneurs under this INSIMP Project. She appreciated the efforts of DSR in Sorghum value-addition and processing technology of Sorghum.

### Visitors

#### Odisha State Agriculture Department trainees

Total 25 participants of a training programme entitled

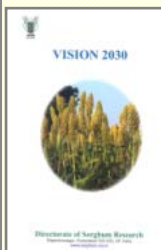


Trainees keenly listening to the presentation on "Private Public Partnership in promoting Millet Based Foods"

"Promotion of Entrepreneurship in Agriculture" organized by NIRD (sponsored by Government of Orissa under RKVY curriculum) visited DSR on 28 July, 2011. The trainees attended a session on "Private Public Partnership in promoting Millet Based Foods" presented by Dr B Dayakar Rao, Principal Investigator of NAIP-MVC Project. The participants also visited Food Technology Park and observed demonstration of processing of Sorghum such as Dehulling, Flaking, and Extrusion are taken place.

### New Publication

#### DSR -Vision 2030



The ICAR approved "DSR -Vision 2030" has been published. It provides comprehensive report on current Indian sorghum scenario including status, research strategies and framework. This book describes research for the next two decades and anticipated outcome.

### Promotions

Based on the recommendations of Departmental Promotion Committee (DPC), Mrs. K Revati is promoted from T4 to T5 . Congratulations !



### Meetings (M) Workshop (W) Conference (C) attended

S. No	Name of the Official	Participated in	Type	Venue	Dates
1	BV Bhat & CV Ratnavathi	Review meeting of NFBSFARA projects	M	ICAR, New Delhi	30- June – 1 July, 2011
2	B Dayakar Rao	Meeting with FMCG Companies at ICAR	M	ICAR, New Delhi	1 July, 2011
3	Mahesh Kumar	Training course on "Condense Translation Organised by Central Translation Bureau, DOL, Ministry of Home Affairs, New Delhi	T	CRIDA, Hyderabad	04-08 July 2011
4	JV Patil	Meeting with DG and to participate in the ICAR Foundation Day	M	ICAR, New Delhi	15-16 July, 2011
5	JS Mishra	Workshop on Soil test- Crop Response (STCR)	W	IISS, Bhopal	28-29 July, 2011
6	SV Rao & M Elangovan	NAGS partnership meeting	S	NBPGR, New Delhi	28-29 July, 2011

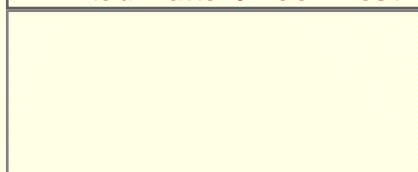
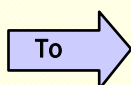
### Official Tours

S. No	Name of the Official	Place Visited	Dates	Purpose
1	B. Dayakar Rao	Bangalore	6-8 July	Visit to ITC & Britannia companies for commercialization of Jowar cookies
2	Sujay Rakshit	Purdue University, US	15 July - 13 September, 2011	To work on association mapping in sorghum and mapping of dwarf mutation in maize.
3	S Audilakshmi	ICAR, New Delhi	16 July, 2011	To receive ICAR award
4	Vishala A Devender	NAFED Bazaars, New Delhi	24-30 July, 2011	Promotion and popularization of sorghum foods

### Thought for the month

"The eye sees only what the mind is prepared to comprehend. -- Henri Bergson

### Printed Matter / Book Post



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