



# ज्वार अनुसंधान निदेशालय

## Directorate of Sorghum Research

### घटनाक्रम तथा समाचार Happenings & News



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#### DSR received "Appreciation Certificate" from NAIP

DSR received the "Appreciation Certificate" from NAIP for its outstanding contributions in the NAIP sub-project "Creation for demand for millets foods through PCS – Value chain". This credential was received by Dr. JV



Patil, Director, DSR from Dr. MV Rao, former ICAR special DG in the presence of Dr. ESL Narasimhan, Governor of Andhra Pradesh and Dr. S Ayyappan, Secretary, DARE and Director General, ICAR and other dignitaries during the XXI meeting of ICAR Regional Committee No.2, which was held on 19 July, 2012 at NAARM, Hyderabad. Dr. JV Patil congratulated the consortia leader and the other team members for this achievement.

#### Institute Bio-Safety Committee (IBSC) meeting

The first meeting of the newly constituted Institute Bio-safety Committee (IBSC) was held on 30 July 2012 under the Chairmanship of Dr. JV Patil, Director, DSR to discuss the progress of research projects and

#### समाचार सारांश

**निदेशालय को रा.कृ.न.प. सराहना-पत्र :** रा.कृ.न.प. की पी.सी.एस. मूल्य शृंखला के माध्यम से कदन्न खाद्य हेतु मांग निर्माण नामक उप-परियोजना के उत्कृष्ट ढंग से संचालन हेतु निदेशालय को पी.आई.यू.- एन.ए.आई.पी. से सराहना-पत्र प्राप्त हुआ है। राष्ट्रीय कृषि अनुसंधान प्रबंध अकादमी, हैदराबाद में 19 जुलाई 2012 को आयोजित भाकृअनुप क्षेत्रीय समिति सं. 2 की 21वीं बैठक के दौरान डॉ. एम नरसिम्हन, राज्यपाल, आंध्र प्रदेश तथा डॉ. एस अर्यप्पन, सचिव, कृ.अनु.शि.वि एवं महानिदेशक, भाकृअनुप तथा अन्य गणमान्य लोगों की उपस्थिति में यह प्रमाण-पत्र डॉ. जे वी पाटील, निदेशक, ज्वा.अनु.नि. ने डॉ. एम वी राव, भूतपूर्व विशेष महानिदेशक, भाकृअनुप के कर-कमलों से ग्रहण किया। डॉ. जे वी पाटील ने इस उपलब्धि के लिए संघ के प्रमुख व अन्य सदस्यों को बधाई दी है।

**संस्थान की जैव सुरक्षा समिति की बैठक :** संस्थान में जैव सुरक्षा संबंधी विषयों के कार्यान्वयन पर विचार-विमर्श हेतु डॉ. जे वी पाटील, निदेशक, ज्वा.अनु.नि. की अध्यक्षता में 30 जुलाई 2012 को संस्थान की जैव सुरक्षा समिति की बैठक आयोजित की गई।

**रबी ज्वार केंद्र, सोलापुर में निदेशक, ज्वा.अनु.नि. का दौरा :** डॉ. जे वी पाटील, निदेशक, ज्वा.अनु.नि. ने 16-17 जुलाई 2012 के दौरान रबी ज्वार केंद्र, सोलापुर का दौरा किया तथा वहां संचालित वैज्ञानिक तथा प्रशासनिक, सभी गतिविधियों की समीक्षा की। उक्त दौरे का समन्वय डॉ. अशोक गाडेवार, प्रभारी, र.ज्वा.कें., सोलापुर ने किया।

**रबी ज्वार केंद्र, सोलापुर को सुदृढता :** ज्वार अनुसंधान निदेशालय, हैदराबाद का उद्देश्य रबी ज्वार केंद्र, सोलापुर को नई प्रौद्योगिकियों, बेहतर सस्य वैज्ञानिक कार्य तथा प्रमुख सहायक सेवाएं प्रदान करके, रबी ज्वार की उत्पादकता को बढ़ावा प्रदान करना है। अतः इसी तथ्य को ध्यान में रखते हुए निदेशालय ने वैज्ञानिकों तथा तकनीकी सहायकों के एक दल को उक्त केंद्र में स्थानांतरित किया है।

**गैर-मौसमी पौधशाला, वरंगल की बहाली :** गैर-मौसमी पौधशाला अक्टूबर से अप्रैल के दौरान न केवल ज्वार प्रजनन वंशक्रमों का बहुगुणन करती है, बल्कि अखिल भारतीय समन्वित ज्वार उन्नयन परियोजना के अनुसंधान कार्यों में भी सहायता प्रदान करती है। अतः भाकृअनुप के अनुमोदन से वरंगल स्थित गैर-मौसमी पौधशाला की बहाली की गई है। निदेशालय तथा अभासज्वाउप के वैज्ञानिकों ने निदेशक के इस कदम की सराहना की।

**डॉ. जे एस मिश्र द्वारा कदन्न फसलों में फसल पद्धति पर व्याख्यान :** डॉ. जे एस मिश्र, प्रधान वैज्ञानिक, ज्वा.अनु.नि. ने राज्य कृषि प्रबंधन एवं विस्तार प्रशिक्षण संस्थान, हैदराबाद में

प्रोडक्शन एनहेंसमेंट एंड वेल्थ एडिशन इन न्यूट्री-सिरियल्स पर आयोजित प्रशिक्षण कार्यक्रम के अंतर्गत 16 जुलाई 2012 को कदन्न फसलों में फसल पद्धति विषय पर व्याख्यान दिया ।

**रा.कृ.न.प. की समीक्षा बैठक :** निदेशालय में 4 जुलाई 2012 को ब्रिटानिया समूह, बेंगलोर के साथ रा.कृ.न.प. की उप-परियोजना के अंतर्गत संचालित कार्यों की समीक्षा हेतु बैठक आयोजित की गई ।

#### **आगंतुक**

**डॉ. के सी बंसल का दौरा :** डॉ. कैलाश चंद्र बंसल, निदेशक, रा.पा.आ.सं.व्यू., नई दिल्ली ने 19 जुलाई 2012 को निदेशालय का दौरा किया । डॉ. जे वी पाटील, निदेशक, ज्वा.अनु.नि. ने उन्हें संस्थान में संचालित अनुसंधान, प्रचार-प्रसार संबंधी गतिविधियों की जानकारी प्रदान की ।

*सारानुवाद : डॉ. महेश कुमार*

implementation of the biosafety issues at the Directorate. The other members of the committee were, Prof. KV Rao, CPMB, Osmania University (DBT-Nominee), Dr. SM Balachandran, Principal Scientist, DRR (External Expert), Dr. P Rajendra Kumar, Senior Scientist, DSR (Member Secretary), Drs. KBRS Visarada, BV Bhat, and D Balakrishna (DSR members) and Dr. Sujay Rakshit,



Principal Scientist, DSR (Special Invitee). The committee reviewed the progress of on-going transgenic research projects and biosafety measures implemented by the Directorate. Two new proposals were discussed and the committee informed the Principal Investigators of the new projects to submit application to IBSC for approval and forwarding to RCGM. No bio-hazards were recorded according to the Medical Officer, Dr Nuzhath Fatima.

#### **Interactive meet with Britannia Industries**

DSR organized an interactive review meet with M/s Britannia Industries Ltd, Bangalore on 4 July, 2012 under the Chairmanship of Dr. JV Patil, Director, DSR. Dr. A Savithi from Britannia Industries, Dr. NG Malleshi. Former Head, CFTRI, Bangalore, Dr. B Dayakar Rao, PI - NAIP project, Dr. KN Ganapathy, Mr. P.Mukesh and Ms. Vishala Devendar participated in the deliberations. The points discussed during the meeting were: Mapping of sorghum production areas in Maharashtra and Karnataka, Screening of sorghum cultivars for carrying out the baking studies and adding value for functional portfolio, Organizing models of contact farming with on-farm production of identified sorghum genotypes (DSR) suitable for targeted end products, Standardization of primary processing technologies for sorghum as required for bakery, Promotion of value added sorghum foods under health and nutritional profiling, and Certification of the functional health foods. It was also decided to identify

rabi cultivars suitable for baking products based on grain yield, physical grain quality, milling yield, shelf life and sensory evaluation. The NAIP team - Mr. B Sri Harsha, (RA), Ms. E Kiranmayi, Ms. M Lavanya and Ms. J Niharika (SRFs) and others took part actively in organizing this event.

#### **Director visits CRS, Solapur**

Dr. JV Patil, Director, DSR, visited CRS, Solapur on 16-17 July, 2012. Dr. Patil reviewed the centre's progress in rabi sorghum research, current activities, aspirations and compliances with respect to all scientific and administrative matters. Dr. Patil addressed the scientific staff and had a detailed discussion on rabi sorghum



research. He encouraged the scientists to prepare for the future with greater confidence by proper planning and follow-up. He visited the fields and other facilities and discussed the new initiatives for the development of the centre. Dr. Ashok Gadewar, Officer -in charge - CRS, coordinated and organized this visit while Dr. Prabhakar and other scientists assisted him.

#### **Strengthening of CRS, Solapur**

DSR, Hyderabad is aiming to boost rabi sorghum productivity by introducing new technology, better agronomic practices, and more effective provision of key support services through the centre on Rabi Sorghum, a sub-centre at Solapur. In order to meet the workforce requirement, a team of the following scientists and technical assistants were transferred to CRS, Solapur: Drs. TG Nageshwar Rao (Pr. Scientist, Pathology), Ch. Sashidhar Reddy (Pr. Scientist, Extension) S Ravi Kumar (Sr. Scientist, Agronomy), & N Kannababu (Sr. Scientist, Seed Technology), Mr. Raghunath Kulakarni and Mr. PV Rajappa (Technical Assistants).

#### **Reinstatement of OSN, Warangal**

The off-season nursery (OSN) centre which caters the needs to multiply sorghum breeding lines as a national facility during October to April besides supporting the research activities of the All India Coordinated Sorghum Improvement Project (AICSIP) as an off-season nursery, is reactivated as desired by the sorghum research community, after a short pause. The competent authority at the ICAR also conveyed the approval in this regard. The Scientific fraternity at DSR and AICSIP appreciated this move from the Director; consequently Dr. JV Patil,

Director, DSR, expressed his gratitude to the Council for this gesture.

### Lecture Delivered

Dr. JS Mishra delivered an invited lecture on "Cropping systems in millet crops" in a training programme on 'Production enhancement and value addition in nutri-cereals' at State Agriculture Management & Extension Training Institute (SAMETI), Hyderabad on July 16, 2012.

### Visitors

#### Visit of Director, NBPGR

Dr. Kailash Chander Bansal, Director, NBPGR, New Delhi visited DSR on 19 July, 2012. Dr. JV Patil,



Director, DSR described on the institute's research activities, aspirations and thrust areas with respect to all research matters. Dr. Bansal also visited Biotechnology transgenic and molecular marker labs and the Centre of Excellence - a value addition and food processing technology Park. He tasted the novel sorghum foods being popularized by the institute.

#### Visit of FOCARS

Newly recruited ARS scientists of ICAR (FOCARS) visited DSR on 21 July, 2012. The 33 participants were briefed on the profile of the Institute and other project activities including AICSIP. The discussions centered on many questions in the area of sweet sorghum utilization and entrepreneurship development to promote millet



foods, and biotechnology. Later, they discussed with thematic area leaders and other DSR scientists. They

also visited marker-assisted selection (MAS), and sorghum food laboratories. The visit was facilitated by Mr. B. Manjunath, Scientist (NAARM). Drs. SV Rao and RR Chapke of DSR shouldered the responsibility of organizing this event.

### Trainees from SAMETI

Twenty trainees from State Agriculture Management and Extension Training Institute (SAMETI), Hyderabad visited DSR on 19, July, 2012 to get exposure about the sorghum research and developments, as a part of their curriculum. Dr. RR Chapke and Mr. Promod Kumar briefed them on the institute's research activities especially production enhancement and Value addition in sorghum. They also visited the Food processing Technology Park. The team showed interest in alternative uses of sorghum, sweet and forage sorghums. Relevant literature was also provided on latest improved technologies and different sorghum food products. The team was led by Dr. Vijayasri, ADA, SAMETI, Malakpet, and Hyderabad.

### Deputation seminar

Dr. SS Rao, Principal Scientist, delivered a seminar on "Quantifying impact of climate change (heat and drought) on dryland sorghum and other research experience at Kansas State University, USA" on 26th July, 2012. Dr. Rao went on deputation from 9 February to 10 June



2012 to Kansas State University, Manhattan, USA to work on sorghum climate change adaptations. During the seminar he highlighted the research challenges and opportunities in sorghum improvement and utilization in India *vis-a-vis* the USA.

### Training offered on LMS

The IIS, Script and Online Leave Software was taught to Mr. Sandeep Dhagat, Programmer from Directorate of Weed Science Research, Jabalpur from 17-18 July, 2012. The software of LMS was also given to them for their usage which was successfully installed and is being presently used by DWSR, Jabalpur.

The training was imparted by Ms. K. Revati, Computer Programmer.

### Article on LMS featured in ICAR newsletter

An article on successful implementation of online Leave Management system was featured in ICAR News Letter, April-June 2012. The link to this news item is :

<http://www.icar.org.in/files/ICAR-News-%20April-June%202012.pdf>

## Meetings (M)/ Workshop (W) Conference (C) Training (T) attended

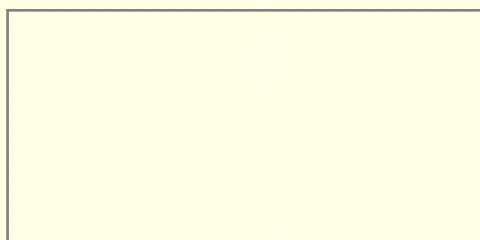
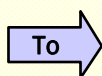
S. No	Name of the Official	Participated in	Type	Venue	Dates
1	JV Patil	Meeting of Regional Committee II	M	NAARM, Hyderabad	19-20 July, 2012
2	B Venkatesh Bhat & D Balakrishna	Meeting on "7 <sup>th</sup> Framework Programme of Food, Agriculture, Fisheries and Biotechnology-Information and training" organized by JNU and University of Hyderabad.	M	Aditya Sarovar Premiere, Hyderabad.	25 July, 2012
3	JV Patil & M Elangovan	Annual Seed Meet	M	New Delhi	
4	AV Umakanth	Indo-US JCERDC review meeting	M	New Delhi	19-20 July

### Thought for the month

*It is not because things are difficult that we do not dare; it is because we do not dare that things are difficult.*

Seneca

### Printed Matter / Book Post



#### Compilation, Editing & Lay-out :

Dr. KV Raghavendra Rao, Sh. K Sanath Kumar,  
Sh. HS Gawali & Dr. B Venkatesh Bhat

#### Chief Editor & Publisher:

Dr. JV Patil, Director,  
Directorate of Sorghum Research

**From:**

### Directorate of Sorghum Research (DSR)

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

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

Sorghum Off-Season Nursery, Warangal  
Officer-In-Charge  
Directorate of Sorghum Research  
RARS, (ANGRAU)  
Mulugu Road,  
Warangal.