



# Sorghum

## Newsletter



Directorate of Sorghum Research, Rajendranagar, Hyderabad. 500 030.

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### Telangana Deputy Chief Minister's Visit

Hon'ble. Deputy Chief Minister and Minister for Health of Telangana state Mr. Rajaiah visited DSR on 2 December, 2014. Dr. JV Patil, Director, DSR welcomed him appraised the research activities at the centre. He



visited the laboratories of the centre and later research fields to acquaint with latest improved

### समाचार सारांश

**ज्वार तथा अन्य कदन्न की कटाई उपरांत प्रौद्योगिकियों पर प्रशिक्षण कार्यक्रम**

निदेशालय में विशेषकर कर्नाटक के कृषकों के लिए *ज्वार/कदन्न की कटाई उपरांत प्रौद्योगिकियों* पर 10-11 दिसंबर, 2014 के दौरान दो दिवसीय प्रशिक्षण कार्यक्रम आयोजित किया गया। इस कार्यक्रम में कुल 53 कृषकों ने भाग लिया। इस पाठ्यक्रम में ज्वार के मूल्य-वर्धन तथा खाद्य प्रसंस्करण के विविध पहलुओं को शामिल किया गया। निजी तथा सार्वजनिक संस्थानों से आए संसाधक अपने-अपने क्षेत्र के विद्वान थे। उद्घाटन कार्यक्रम डॉ. विलास ए टोणपी, प्रभारी निदेशक के द्वारा संबोधित था। डॉ. बी दयाकर राव इस दो दिवसीय पाठ्यक्रम के निदेशक थे।

**बीज उद्योग पर पा.कि.कृ.अधि.सं. अधिनियम के प्रभाव पर परामर्श कार्यक्रम**

सीइसमेन एसोसिएशन, हैदराबाद, नेशनल सीड एसोसिएशन ऑफ इंडिया, नई दिल्ली तथा भारतीय कदन्न अनुसंधान संस्थान, राजेन्द्रनगर, हैदराबाद के संयुक्त तत्वावधान में 12 दिसंबर, 2014 को बीज उद्योग पर पा.कि.कृ.अधि.सं. अधिनियम के प्रभाव पर एक दिवसीय परामर्श कार्यक्रम का आयोजन किया गया। डॉ. आर आर हर्नचल, अध्यक्ष, पा.कि.कृ.अधि.सं. प्राधिकरण, नई दिल्ली द्वारा इस पाठ्यक्रम का उद्घाटन तथा प्रशिक्षण पुस्तिका का विमोचन किया गया। डॉ. जे वी पाटील, निदेशक, ज्वा.अनु.नि. इस कार्यक्रम के अध्यक्ष थे। डॉ. वी ए टोणपी, डॉ. एम एलंगोवन तथा श्री के श्रीनिवास बाबु, ज्वा.अनु.नि. तथा वी जयमोहन राव, सीइसमेन एसोसिएशन, हैदराबाद इस पाठ्यक्रम के समन्वयन थे।

### विशिष्ट आगन्तुक

**तेलंगाना के उप मुख्य मंत्री का दौरा :** श्री राजय्या, माननीय उप मुख्य मंत्री एवं स्वास्थ्य मंत्री, तेलंगाना ने 2 दिसंबर 2014 को निदेशालय का दौरा किया। डॉ. जे वी पाटील, निदेशक, ज्वा.अनु.नि. ने उनका स्वागत किया तथा उन्हें निदेशालय में संचालित गतिविधियों के बारे में जानकारी प्रदान की। डॉ. बी दयाकर राव, प्रधान वैज्ञानिक ने दौरे का समन्वय किया।

**एग्रो विजन, नागपुर में ज्वार स्टाल :** नागपुर में 3-8 दिसंबर, 2014 के दौरान राज्य स्तरीय महा कृषि मेले में निदेशालय के द्वारा ज्वार स्टाल लगाया गया तथा ज्वार खाद्य उत्पाद जैसे - रवा, पोहा, सेवइया, बहु-धान्य आटा तथा पास्ता का प्रदर्शन किया गया। श्री नितिन गडकरी, माननीय परिवहन मंत्री, भारत सरकार ने उत्तम

स्वास्थ्य हेतु ज्वार फसल व उसके खाद्य उत्पादों पर प्रकाश डाला । डॉ. जे वी पाटील, निदेशक, ज्वा.अनु.नि. ने ज्वार फसल व उसके स्वास्थ्यवर्धक लाभ के संबंध में जानकारी प्रदान की । कृषक, वैज्ञानिक, कृषि अधिकारी, प्रगतिशील कृषक, गैर-सरकारी संगठनों से कृषक महिला समूह शामिल 1 लाख से ज्यादा आगंतुक स्टाल पर आए तथा नव-विकसित ज्वार उत्पादों में अत्यधिक रुचि दर्शायी । एगो वीजन, नागपुर में लगाए गए उक्त ज्वार स्टाल को अभूतपूर्व प्रतिक्रिया मिली । श्री प्रमोद कुमार, सहायक मुख्य तकनीकी अधिकारी, ज्वा.अनु.नि. ने उक्त स्टाल का प्रबंध एवं समन्वय किया ।

**स्थानांतरण:** डॉ टी जी एन राव, प्रधान वैज्ञानिक (रोग विज्ञान), डॉ. सीएच शशिधर रेड्डी, प्रधान वैज्ञानिक (विस्तार) तथा डॉ. एन कन्नबाबु, वरिष्ठ वैज्ञानिक (बीज प्रौद्योगिकी) का रबी ज्वार केंद्र, सोलापुर से भा.क.अनु.सं., हैदराबाद में तथा डॉ. सेंथिल विज्ञानम का भा.क.अनु.सं. से रबी ज्वार केंद्र, सोलापुर में स्थानांतरण किया गया ।

### अतिथि व्याख्यान

**डॉ. बालकृष्णा**, वरिष्ठ वैज्ञानिक ने चावल अनुसंधान निदेशालय, हैदराबाद में 13-14 दिसंबर, 2014 के दौरान एमर्जिंग एंड ऑपरचुनिटीज इन बायोटेक एंड एबायोटेक स्ट्रेस मैनेजमेंट पर आयोजित राष्ट्रीय सम्मेलन में 14 दिसंबर 2014 को सोरघम ट्रांस्जेनेक्स फॉर एबायोटेक एंड बायोटेक स्ट्रेस टॉलरेंस पर व्याख्यान दिया ।

**डॉ. सुजय रक्षित**, प्रधान वैज्ञानिक ने पंजाब कृषि विश्वविद्यालय, लुधियाना में 7-9 नवंबर, 2014 के दौरान क्रॉप इंप्रूवमेंट फॉर इन्क्लुसिव सस्टेनेबल डेवलपमेंट पर आयोजित राष्ट्रीय परिसंवाद में भाग लिया तथा मौखिक प्रस्तुतीकरण दिया ।

### पुरस्कार

#### उत्तम वक्ता पुरस्कार :

**डॉ. बालकृष्णा**, वरिष्ठ वैज्ञानिक को चावल अनुसंधान निदेशालय, हैदराबाद में 14 दिसंबर, 2014 को एमर्जिंग एंड ऑपरचुनिटीज इन बायोटेक एंड एबायोटेक स्ट्रेस मैनेजमेंट पर आयोजित राष्ट्रीय सम्मेलन के बायोटेक्नोलॉजी एंड जेनेटिक्स इंजीनियरिंग ट्रूल्स एंड टेक्निक्स, तकनीकी सत्र II में विषय 2 के अंतर्गत उत्तम वक्ता पुरस्कार प्रदान किया गया ।

**-डॉ. महेश कुमार**

cultivars of sorghum. He was also appraised on the procedure for the development of varieties and hybrids, their seed production, improved package of practices of rabi sorghum and alternate uses of sorghum. The minister was very much impressed with the sorghum health foods. He opined that the sorghum health foods processing and production technologies generated in DSR should reach the public for their better and healthy life. Dr. B Dayakar, Principal Scientist coordinated the minister's visit at DSR.

### Training programme on "Post Harvest Technologies of Sorghum & other Millets"

Two day training programme on "Post Harvest Technologies of Sorghum/ Millets" was specially organized for farmers from Karnataka state during 10



-11 December 2014 at Directorate of sorghum Research. Fifty three farmers participated in this training programme. The course covered various aspects on value-addition of sorghum and food processing techniques including operation of primary processing equipment and recipe making. Resource persons were experts in their fields from both private and public institutions. It was a participatory and interactive training with lab visits to Sorghum processing lab, DSR. The inaugural programme was addressed by Dr. Vilas A Tonapi, Director incharge. Dr. B Dayakar Rao is the Course Director while Dr. KN Ganapathy and Sh. P were coordinators of this two day training programme conducted under NFSM scheme.

### Consultation programme on "Effect of PPV & FR Act on Seed Industry"

One day consultation programme on "Effect of PPV & FR Act on Seed Industry", Jointly Organized by Seedsmen Association, Hyderabad, National Seed Association of India, New Delhi & Indian Institute of Millets Research, Rajendranagar, Hyderabad was held on 12th December, 2014.

The course was inaugurated by Dr. RR. Hanchinal, Chair person, PPV&FR Authority, New Delhi and released the training manual. Dr. JV Patil, Director, DSR was the Chairman of the programme. The other Office Bearers from Seedsmen Association presented on the inaugural session were Sh. M Harish Reddy, R



Ramnadham Babu , ASN Reddy, K Niranjana Kumar and S Jagdishwar Reddy. Dr Surya Rao, Syngenta India Ltd., Pune Drs. V Jayamohan Rao, ASN Reddy addressed and delivered lectures.

Dr. Hanchinal, in his inaugural address stressed upon the significance of Indian legislations in respect of management of intellectual property rights of scientists , farmers and as well as seed Industry. The course dealt in-depth about Issues related to access to Germplasm, biodiversity in relation to seed industry. Points of relevance of PPV&FR Act for Medium and small seed enterprises., Licensing of varieties; and OECD seed certification, avenues for future growth of medium and small seed enterprises, Points of litigations in PPV& FR, points of caution and way forward, Filing of application for protection of plant varieties. Drs Vilas A Tonapi, M Elangovan, and K Sreenivas Babu from DSR and V Jayamohan Rao from Seedsmen Association, Hyderabad were the Course Coordinators.

### Sorghum Stall at “Agro Vision” Nagpur.

The sorghum stall, set up by the DSR at “Agro Vision, Nagpur” received an unprecedented response. DSR installed a “Sorghum food stall” at “Agro Vision, Nagpur”, the state level mega agricultural show was organized at Nagpur during 03-08 December, 2014 to display our sorghum food products i.e. Rava, Flakes,

Vermicelli, Multi grain Atta, & Pasta. 2014. Shri Nitin Gadkari, Hon. Transport Minister, Govt. of India in his speech stated that importance of sorghum crop and its food product for health. Dr. JV Patil, Director, Directorate of Sorghum Research, explained the importance of sorghum crop and its health benefits. More than one lakh visitors including farmers, scientists, agriculture officers, progressive farmers, farm-women groups from NGOs, visited the stall and shown keen interest in the newly developed sorghum food products. The importance of sorghum as health and nutritious food was explained to the visitors and relevant literature was distributed. There was a heavy demand for the sorghum food products sold at the stall. Mr. Promodkumar, Technical Officer, coordinated and managed the stall.

### Transfers

Drs. TGN Rao, Principal Scientist (Pathology); C Sashidhar Reddy, Principal Scientist (Extension) and N Kannababu, Senior Scientist (Seed Technology) have been transferred from CRS Solapur to IIMR, Hyderabad, and Dr. Senthil Vinayagam was transferred from IIMR, Hyderabad to CRS, Solapur.

### Guest Lectures

Dr. Balkrishna, Sr. Scientist delivered a guest lecture on “Sorghum transgenics for abiotic and biotic stress tolerance at National conference on “Emerging and Opportunities in Biotic and Abiotic Stress management (ECOBASM-2014)” held at Directorate of Rice Research (DRR), Rajendranagar, Hyderabad on 14 December, 2014. This conference was jointly organized by Society for Scientific Development in Agriculture and Technology (SSDAT), Meerut in collaboration with Astha Foundation, Meerut and Society for Advancement of Rice Research, DRR Hyderabad during 13-14th December, 2014.

Dr. Sujay Rakshit attended and made oral presentation on “GGE biplot analysis of genotype × environment interaction in rabi grain sorghum multi-location data” in the National Symposium on Crop Improvement for Inclusive Sustainable Development held at PAU, Ludhiana from Nov 7-9, 2014.

### Awards

#### Best Speaker award

Dr. D Balakrishna, Sr. Scientist, DSR received the best speaker award under the Theme 2. Biotechnology and Genetics Engineering Tools and Techniques, technical session II at National conference on “Emerging and Opportunities in Biotic and Abiotic Stress management (ECOBASM-2014)” held at Directorate of Rice Research (DRR), Rajendranagar, Hyderabad on 14 December, 2014.

## Meetings (M) / Symposia (S)/ Workshops (W)/ Trainings (T) Conferences (C) attended

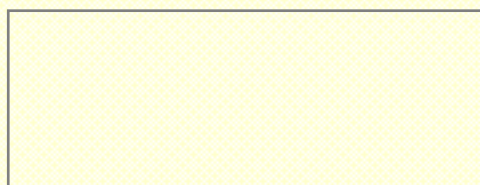
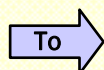
S. No	Name of the Official	Participated in	Type	Venue	Dates
1	KN Ganapathy	Training on "Analysis of Experimental Data"	T	NAARM, Hyderabad	10 -15 Nov, 2014
2	Sujay Rakshit	Training programme on "Management Development Programme on Leadership Development"	T	NAARM, Hyderabad	01-04 Dec, 2014
3	K Suresh Kumar, Sunil Gomashe & Sunil Kumar	Basic training programme for "Use of Hindi on computer" organized by Department of Official language.	T	Bharat Dynamics Limited, Hyderabad	01 -05 Dec, 2014
4	D Balakrishna	8th Review Meeting of ICAR-Network Project on Transgenic Crops (NPTC)	M	NRCPB, New Delhi	02-03 Dec, 2014
5	JV Patil & Pramod Kumar	Mega agricultural show "Agro Vision, Nagpur"	C	Nagpur	03-08 Dec, 2014
6	Sujay Rakshit	National conference on Emerging Challenges and Opportunities in biotic and Abiotic Stress Management	C	DRR, Hyderabad	13-14 Dec, 2014
7	Jinu Jacob & D Revati	Basic training programme for "Use of Hindi on computer" organized by Department of Official language.	T	Bharat Dynamics Limited, Hyderabad	15 -19 Dec, 2014
8	KN Ganapathy	Training on "Next generation sequencing tools for crop improvement"	T	ICRISAT, Patancheru	24 Nov - 5 Dec, 2014

### Thought for the month

*The quality of a person's life is in direct proportion to their commitment to excellence, regardless of their chosen field of endeavor'*

*Vincent Lombardi*

### Printed Matter / Book Post



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