



IIMR

# Millets

Newsletter



ICAR-Indian Institute of Millets Research, Rajendranagar, Hyderabad. 500 030.

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## Annual Sorghum Group meeting at UAS, Raichur

The 45<sup>th</sup> annual sorghum group meeting of All-India Coordinated Research Project on Sorghum (AICRIP) was held at University of Agricultural Sciences, Raichur, Karnataka from



27 - 29 April, 2015. Dr. PM Salimath, the Vice-Chancellor of the University formally inaugurated the meeting. Mr. Ramesh Halgali, Former Deputy Chief of Indian Army was the special guest of honour. A total of 210 participants from AICRIP centres, IIMR, IARI, ICRISAT, private seed industry, and non-governmental organizations participated. Some of the important participants were: Dr. IS Solanki, Assistant Director General (Food and Fodder Crops), ICAR, New Delhi, and Dr. BS Janagoudar, Director of Research, UAS, Raichur. The 3-day

## समाचार सारांश

### ज्वा.अनु.नि., हैदराबाद में ज्वार समूह की 45वीं वार्षिक बैठक

कृषि विश्वविद्यालय, रायचुर, कर्नाटक में 27-29 अप्रैल 2015 के दौरान अखिल भारतीय समन्वित उन्नयन परियोजना के ज्वार समूह की 45वीं वार्षिक बैठक संपन्न हुई। डॉ. पी एम शालीमठ, कुलपति, कृ.वि.वि., रायचुर ने बैठक का औपचारिक रूप से उद्घाटन किया। उक्त बैठक में अ.भा.स.ज्वा.उ.प. केंद्रों के अलावा भाकअनुसं, भाकअनुसं, इक्रिसेट, निजी बीज उद्योग तथा गैर-सरकारी संगठनों से 210 से ज्यादा सहभागियों ने भाग लिया। इस अवसर पर डॉ. आई एस सोलंकी, सहायक महानिदेशक (खाद्य एवं चारा फसल), भाकअनुप एवं डॉ. बी एस जनगौडर, अनुसंधान निदेशक, कृषि विवि. भी उपस्थित थे। इस तीन दिवसीय कार्यशाला में प्रस्तुतीकरण के माध्यम से 2014-15 के दौरान अनुसंधान कार्यों में हुई प्रगति तथा 2015-16 के दौरान अखिल भारतीय स्तर पर किए जाने वाले कार्यों की योजनाओं की समीक्षा की गई। डॉ. एम भीमन्ना, प्रोफेसर कीट विज्ञान, कृ.वि.वि., रायचुर तथा उनके दल ने बैठक हेतु सभी व्यवस्थाओं का आयोजन किया। उक्त बैठक के लिए भाकअनुसं, हैदराबाद की ओर से डॉ. विलास ए टोणपी नोडल ने अधिकारी के रूप में सेवाएं प्रदान की।

### संस्थान प्रबंधन समिति की बैठक

डॉ. जे वी पाटील, निदेशक, भाकअनुसं की अध्यक्षता में 18 अप्रैल, 2015 को निदेशालय के संस्थान प्रबंधन समिति की 25वीं बैठक आयोजित की गई। बैठक में डॉ. आई एस सोलंकी, सहायक महानिदेशक, खाद्य एवं चारा फसल (महानिदेशक द्वारा नामित), डॉ. एन सरला, राष्ट्रीय प्रोफेसर तथा प्रधान वैज्ञानिक, भाचाअनुसं, हैदराबाद, डॉ. वी दिनेश कुमार, प्रधान वैज्ञानिक, भातिअनुसं, हैदराबाद, डॉ. श्यामल कुमार चक्रवर्ती, प्रधान वैज्ञानिक, रापाआसंब्यू, डॉ. जी श्याम प्रसाद, प्रधान वैज्ञानिक, भाकअनुसं., हैदराबाद, श्री सरोज कुमार सिंह, प्रशासनिक अधिकारी, भाकअनुसं. (सदस्य सचिव) एवं श्री ए नरसिम्हा मूर्ती, विलेअधि, भाकअनुसं (विशेष आमंत्रित) उपस्थित थे।

### नए प्रकाशन

कृषि विश्वविद्यालय, रायचुर, कर्नाटक में ज्वार समूह की 45वीं वार्षिक बैठक के दौरान गणमान्य व्यक्तियों के द्वारा विभिन्न प्रकाशनों [1. मिलेट्स - इन्सुरिंग क्लाइमेट रेजिलेंस एंड न्यूट्रिशल सेक्योरिटी (पुस्तक), 2. मिलेट्स - प्रमोशन फॉर फूड, फीड, फॉइंडर, न्यूट्रिशल एंड एनविरोन्मेंटल सेक्योरिटी (पुस्तक), 3. एमर्जिंग कॉपिटेटिवनेशऑफ सोरघम इन इंडिया : एन इंटेन्सिव ऑनफार्म



एनालैसिस ऑफ मेज़र रबी सोरघम रिजन्स (पुस्तक), 4. सोरघम - एन एमजिंग केश क्रॉप (पुस्तक), 5. खरीप ज्वारीलागवाडिचे सुधारित तंत्रज्ञान (मराठी में पुस्तिका), 6. रबी ज्वारिच्या अधिक उत्पादनकरिता सुधारित तंत्रज्ञान (मराठी में पुस्तिका), 7. हिंगरी जोळा - उत्तर कर्नाटकडाल्ली थाली अभिवृद्धि मथु उत्पादक्या प्रगति (कन्नड में पुस्तक), 8. खरीफ ज्वार उत्पादन की उन्नत प्रौद्योगिकियां (हिंदी में पुस्तिका) तथा 9. रबी ज्वार की उन्नत उत्पादन तकनीक (हिंदी में पुस्तिका)] का विमोचन किया गया ।

## श्रीमती सीमा चोपड़ा, उप निदेशक (रा.भा.), भाकअनुप, का दौरा

श्रीमती सीमा चोपड़ा, उप निदेशक (रा.भा.), भाकअनुप, नई दिल्ली ने 09 अप्रैल 2015 को भाकअनुसं. का दौरा किया । डॉ. जे वी पाटील ने उन्हें



संस्थान में संचालित राजभाषा कार्यान्वयन संबंधित गतिविधियों के बारे में जानकारी प्रदान की । इसके अलावा श्रीमती चोपड़ा ने ज्वार प्रसंस्करण प्रयोगशाला (उत्कर्ष केंद्र) का भी दौरा किया । डॉ. पाटील एवं डॉ. बी दयाकर राव ने उन्हें ज्वार के विभिन्न प्रसंस्कृत उत्पादों एवं उन्हें बनाने के लिए प्रयुक्त विभिन्न मशीनों के संबंध में संक्षिप्त जानकारी दी । श्रीमती चोपड़ा ने संस्थान में संचालित राजभाषा कार्यान्वयन गतिविधियों एवं ज्वार के प्रसंस्करण हेतु किए जा रहे प्रयासों की सराहना की । डॉ. वी आर भागवत तथा डॉ. महेश कुमार ने उक्त दौरे का समन्वय किया । श्रीमती चोपड़ा के साथ डॉ. संतराम यादव, सहायक निदेशक (रा.भा.), क्रीडा भी उपस्थित थे ।

## नए वैज्ञानिक द्वारा भाकअनुसं में कार्यभार ग्रहण

डॉ. परशुराम पत्रोटी, वैज्ञानिक (आनुवंशिकी एवं पादप प्रजनन) ने 08 अप्रैल, 2015 को रबी ज्वार केंद्र, सोलापुर में कार्यभार ग्रहण किया । *कदन्न परिवार उनका स्वागत करता है !*

## स्थानांतरण

डॉ. सैथिल विनायगम, प्रधान वैज्ञानिक (विस्तार) का राष्ट्रीय कृषि अनुसंधान प्रबंध अकादमी, हैदराबाद में स्थानांतरण के परिणामस्वरूप 16 अप्रैल, 2015 को उन्हें संस्थान से कार्यभार मुक्त किया गया । *भाकअनुसं परिवार उनके उज्ज्वल एवं सफल भविष्य की कमाना करता है !*

## आगन्तुक

### तमिलनाडु के कृषि विभाग के अधिकारियों का दौरा

कृषि विभाग, तमिलनाडु के पांच उच्चाधिकारियों ने 08 अप्रैल 2015 को भाकअनुसं, हैदराबाद का दौरा किया । डॉ. सैथिल विनायगम, प्रधान वैज्ञानिक तथा डॉ. ए कलैसेकर, वरिष्ठ वैज्ञानिक ने उक्त दौरे का समन्वय किया ।

— डॉ. महेश कुमार

workshop reviewed the progress in research during 2014-15 and prepared research plans to be executed during the year 2015-16 at all India level. There were Interactions with stake holders, discussions with seed industry, plant variety protection and registration, and the issues on public-private partnerships to make sorghum cultivation more competitive and profitable. Dr. M Bheemanna, Professor of Entomology, UAS, Raichur and his team made all arrangements for the meeting. Dr. Vilas A Tonapi served as the nodal officer from IIMR, Hyderabad. The copies of complete proceedings of this annual group meeting are being dispatched separately and e-copy will be placed at our website [www.millets.res.in](http://www.millets.res.in).

## Institute Management Committee (IMC) meeting

The XXV Institute Management Committee Meeting was held at IIMR, Hyderabad on 18 April, 2015, under the chairmanship of Dr. JV Patil, Director, IIMR, Hyderabad. The other Members participated in this meeting were: Dr. I.S. Solanki, ADC, FFC, ( DG Nominee), Dr. N Sarla, National Professor & PS IIRR, Hyderabad, Dr. V Dinesh Kumar, Pr. Scientist, IIOR, Hyderabad, Dr. Shyamal Kumar Chakrabarty, Pr. Scientist, NBPGR, Dr. G. Shyam Prasad, Pr. Scientist, IIMR, Hyderabad, Sh. Saroj Kumar Singh, AO, IIMR, Hyderabad, (Member-Secretary) and Sh. A Narsimha Murthy, FAO, IIMR, Hyderabad



(Special Invite). The Chairman of IMC welcomed the members of the Management Committee. Later, the Member-Secretary presented the action taken report on the suggestions of earlier meeting and agenda items were deliberated for approval of the committee.

## New Publications released

The following publications were released during the 45th Annual Sorghum Group Meeting held at UAS, Raichur. Dr. PM Salimath, the Vice-Chancellor, UAS, Raichur, Dr. IS Solanki, Assistant Director General (Food and Fodder Crops), ICAR, New Delhi, Dr. BS Janagoudar, Director of Research, UAS, Raichur, Dr. JV Patil, Director, IIMR, Hyderabad and other dignitaries released these publications.

## Millets – Ensuring climate resilience and nutritional security.



**Editors:** Vilas A. Tonapi and JV Patil

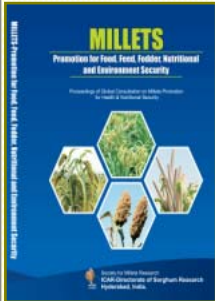
**Publishers:** Daya Publishing House, a division of Astral International Pvt Ltd, New Delhi and Indian Institute of Millets Research, Rajendranagar, Hyderabad. Pp - 650 ISBN 978-93-5124-644-2 (Hard Bound), 978-93-5130-671-9 (International Edition). Price: Rs. 3999/-. For copies contact M/s Astral Publishers, New Delhi.

This book presents the current status of germplasm resources



management, genetic improvement, agronomy, biotic and abiotic stress management, Pest and disease management, Molecular marker aided approaches, seed system, seed delivery models, value addition, commercialization, nutritional and health benefits of all major millets encompassing Sorghum, Pearl millet and Small millets comprising Finger Millet, Foxtail Millet, Kodo Millet, Proso Millet, Barnyard Millet and Little Millet.

**Millets- Promotion for food, feed, fodder, Nutritional and Environment security-**



**Editors:** Vilas A. Tonapi, B Dayakar and JV Patil.

**Publishers:** Indian Institute of Millets Research, Rajendranagar, Hyderabad. Pp -254.

This is the compendium of all research papers presented during the Global Millet Meet entitled "Global consultation on Millets promotion for health and nutritional security". Altogether seventeen research

articles and summary of the proceedings and recommendations also offered in.

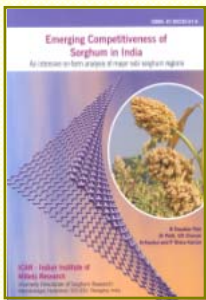
**Emerging competitiveness of Sorghum in India: An Intensive on-farm analysis of major rabi sorghum regions. 2015.**

**Authors:** B Dayakar Rao, JV Patil, UD Chavan, N Kachui and P Shiva Kumar.

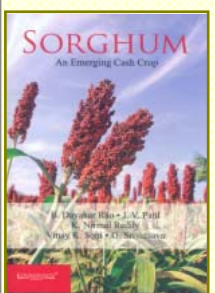
**Publisher:** Indian Institute of Millets Research, Rajendranagar, Hyderabad Pp.140

**ISBN:** 81-89335-52-9

This book in English mainly deals with the prospects of rabi sorghum, strategies for crop improvement, competitiveness of improved sorghum cultivars in rain-fed, irrigated and rice-fallows situations.



**Sorghum - An Emerging Cash Crop. 2014.**



**Authors:** B Dayakar Rao, JV Patil, K Nirmal Reddy, Vinay K Soni and G Srivastava.

**Publisher:** Indian Institute of Millets Research, Rajendranagar, Hyderabad pp.160

This book in English deals with the importance of sorghum and other millets, marketing of sorghum products including development of convenient foods through diversified processing technologies, consumer acceptability and public-private partnership in commercialization of these products

**Kharif Jwari lagwadiche Sudharit Tantragnyan**  
Improved production technology for Kharif sorghum- in Marathi.2015.

**Authors:** RR Chapke, VR Bhagawat, Sunil Gomashe and JV Patil.

**Publisher:** Indian Institute of Millets Research, Rajendranagar, Hyderabad pp.14

This book in Marathi deals with the sorghum production and protection technology for Kharif sorghum growing regions of India.



**Rabi Jwarichya Adhik Utpadanakarita Sudharit Tantragnyan** "Improved production technology for Rabi sorghum- in Marathi.2015.

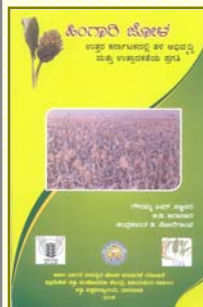
**Authors:** RR Chapke, VR Bhagawat, Sunil Gomashe and JV Patil.

**Publisher:** Indian Institute of Millets Research, Rajendranagar, Hyderabad pp.14

This book in Marathi deals with the sorghum production and protection technology for rabi sorghum growing regions of India.



**Hingari Jola –Uttara Karnatakadalli thali Abhivrudhi mathu Utpadakataya Pragati (Rabi sorghum - Development and productivity improvement in North Karnataka)**



**Authors:** Gauri M Sajjanar, BD Biradar and Chandrakanth D Surgaon.

**Publisher:** Regional Agriculture Research station, (UAS, Dharwad), Bijapur.

This book in Kannada deals with the rabi sorghum cultivars, their production and protection technology for the farmers belong to the northern Karnataka region.

**Kharif Jwar Utpadan Ki Unnat Proudhyogikiya**

"Improved production technology for Kharif sorghum- in Hindi.2015.

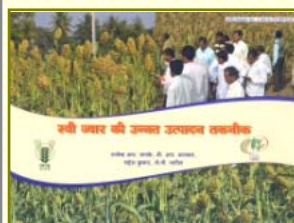
**Authors:** RR Chapke, VR Bhagawat, Mahesh Kumar, JV Patil.

**Publisher:** Indian Institute of Millets Research, Rajendranagar, Hyderabad pp.14

This book in Hindi deals with the sorghum production and protection technology for Kharif sorghum growing regions of India.



**Rabi Jwar Ki Unnat Utpadan Takneek** "Improved production technology for Rabi sorghum- in Hindi.2015.



**Authors:** RR Chapke, VR Bhagawat, Mahesh Kumar, JV Patil.

**Publisher:** Indian Institute of Millets Research, Rajendranagar, Hyderabad pp.14

This book in Hindi deals with the sorghum production and protection technology for Rabi sorghum growing regions of India.

**New Scientist joined IIMR**

Dr. Parashuram Patroti, Scientist (Genetics & Plant Breeding) joined at CRS (IIMR), Solapur on 8 April, 2015. His email.id is [parashuram@millets.res.in](mailto:parashuram@millets.res.in). The sorghum family welcomes him.





## Transfer

**Dr. Senthil Vinayagam**, Principal Scientist (Extension), was relieved from IIMR on 16 April, 2015, on his transfer to ICAR-NAARM, Hyderabad. IIMR staff wishes him a successful career and fulfilment of his future endeavours at new organization.



## Visitors

### Visit of officials of State Dept of Agri, TN

Five senior level officials belongs to Department of Agriculture, Government of Tamil Nadu, Coimbatore visited Indian Institute of Millets Research (IIMR), Hyderabad on 8 April, 2015. The team members who are working under World Bank Project on Integrated Agricultural Management and Water Resources Management (IAMWARM), were deputed to get training and exposure on improved cultivars of sorghum and other millets and its value addition process. The team appraised the work on millets, improved cultivars of sorghum, technology transfer, and value addition process of sorghum by the scientists of IIMR. The participants also visited Center of Excellence on Value addition and interacted with processing experts. The participants expressed their desire to participate in full time training programmes at IIMR. Drs. Senthil Vinayagam, Principal Scientist and A Kalaisekar, Sr. Scientist and HS Gawali organized this visit at IIMR

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

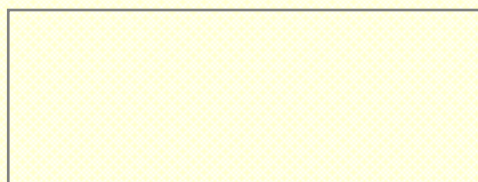
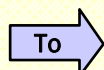
S. No	Name of the Official	Participated in	Type	Venue	Dates
1	Drs. HS Talwar and R Madhusudhana	Review and planning meeting of ACIAR project	M	University of Queensland, Brisbane, Australia	13 - 20 Apr, 2015

## Thought for the month

*Always aim at complete harmony of thought and word and deed. Always aim at purifying your thoughts and everything will be well.*

- Mohandas K. Gandhi

## Printed Matter / Book Post



### Compilation, Editing & Lay-out :

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

### Publisher:

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