



IIMR

# Millets

## Newsletter



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### MoA between DSR and Advanta Pvt Ltd, Hyderabad

A Memorandum of Agreement (MoA) was signed between Indian Institute of Millets Research, Hyderabad and M/s. Advanta Pvt Ltd, Hyderabad for the new forage sorghum



hybrid CSH 24MF for seed multiplication and commercialization. Dr. JV Patil, Director, IIMR and Managing Director, M/s. Advanta Pvt Ltd, signed the agreement on 10 February, 2015. The company will promote the hybrid in the country with IIMR and ICAR logo as per the ICAR's IPR Guidelines. IIMR will provide the seed material and scientific as well as intellectual inputs during the agreement period of three years. The discussion was facilitated through ITMU, IIMR. Drs. Vilas A Tonapi, Principal Scientist, (Seed Technology) and Dr. M Elangovan, (Nodal Officer ITMU) coordinated the agreement.

### Monitoring of DUS Testing trials

The monitoring of DUS Testing trials conducted at IIMR was held on 7th February 2015 under the Chairmanship of Dr. JV Patil, Director, IIMR, Hyderabad as per the guidelines of PPV&FRA. Dr. Hariprasanna K, Nodal Officer, IIMR explained

### समाचार सारांश

#### आंध्र प्रदेश तथा तेलंगाना के कृषकों के लिए ज्वार तथा अन्य कदन्न की कटाई उपरांत प्रौद्योगिकियों पर प्रशिक्षण कार्यक्रम

राष्ट्रीय खाद्य सुरक्षा मिशन परियोजना के अंतर्गत निदेशालय में विशेषकर आंध्र प्रदेश तथा तेलंगाना के कृषकों के लिए ज्वार/कदन्न की कटाई उपरांत प्रौद्योगिकियों पर 17-18 फरवरी, 2015 के दौरान दो दिवसीय प्रशिक्षण कार्यक्रम आयोजित किया गया। इस कार्यक्रम का मुख्य उद्देश्य प्रशिक्षार्थियों को निदेशालय में उपलब्ध कटाई उपरांत प्रौद्योगिकियों की अद्यतन जानकारी प्रदान करना तथा प्रसंस्करण प्रौद्योगिकियों को अपनाने में आने वाली प्रारंभिक समस्याओं का समाधान करना था। इस कार्यक्रम में कुल 39 कृषकों ने भाग लिया। इस प्रशिक्षण कार्यक्रम का उद्घाटन डॉ. विलास ए टोणपी, प्रभारी निदेशक के द्वारा किया गया। उक्त पाठ्यक्रम के निदेशक डॉ. बी दयाकर राव ने इस प्रशिक्षण कार्यक्रम के स्वरूप पर विस्तार से जानकारी प्रदान की।

इस पाठ्यक्रम में ज्वार के मूल्य-वर्धन तथा खाद्य प्रसंस्करण के विविध पहलुओं को शामिल किया गया। निजी तथा सार्वजनिक संस्थानों से आए अपने-अपने क्षेत्र के विद्वानों ने प्रशिक्षार्थियों का ज्ञानवर्धन किया। उक्त कार्यक्रम के समापन समारोह के दौरान टोणपी, प्रभारी निदेशक, ज्वा.अनु.नि. ने सहभागियों को प्रमाण-पत्र प्रदान किए। डॉ. सीएच शशिधर रेड्डी तथा डॉ. डी बालकृष्णा इस कार्यक्रम के समन्वयक थे।

**ज्वा.अनु.नि. तथा डॉक्टर सीईस प्रा. लि. के मध्य करार:** नए चारा ज्वार संकर, सीएसएच 24एमएफ के बीज उत्पादन एवं व्यावसायीकरण हेतु ज्वार अनुसंधान निदेशालय, हैदराबाद तथा सर्वश्री अद्वैता प्रा. लि., हैदराबाद के मध्य करार जापान पर हस्ताक्षर किए गए। डॉ. जे वी पाटील, निदेशक, ज्वा.अनु.नि. तथा प्रबंध निदेशक, सर्वश्री अद्वैता प्रा. लि. ने 10 फरवरी 2015 को उक्त करार पर हस्ताक्षर किए।

### राहुरी में ज्वार के इस परीक्षणों का अनुवीक्षण

डॉ. जे वी पाटील, निदेशक, ज्वा.अनु.नि. की अध्यक्षता में 7 फरवरी, 2015 को पा.कि.कृ.अधि.सं.प्रा. के दिशा-निर्देशों के अनुसार निदेशालय में आयोजित इस परीक्षणों का अनुवीक्षण किया गया। डॉ. के हरिप्रसन्ना, नोडल अधिकारी, ज्वा.अनु.नि. ने दावा किए गए विशिष्ट लक्षणों एवं उनकी अभिव्यक्ति हेतु विभिन्न उम्मीदवार किस्मों पर किए जा रहे इस परीक्षण के बारे में जानकारी प्रदान की। इस अवसर पर डॉ. विलास ए टोणपी, तथा डॉ. एम एलंगोवन, प्रधान वैज्ञानिक, ज्वा.अनु.नि. तथा सर्वश्री सिंजेटा इंडिया लिमिटेड के प्रतिनिधि डॉ आदित्य शर्मा, पादप प्रजनक भी उपस्थित थे। उक्त

दल द्वारा अनुवीक्षण प्रतिवेदन तैयार किया गया ।

### मान्यता

रा.पा.स्वा.प्र.सं., हैदराबाद में 4-6 फरवरी 2015 को पॉपुलराइजेशन एंड कॉमर्शियलाइजेशन ऑफ लो कॉस्ट एग्री. टेक्नोलॉजी पर आयोजित कार्यशाला के दौरान उपयुक्त प्रौद्योगिकियों के चयन एवं संस्तुती हेतु निदेशक, ज्वा.अनु.नि. के द्वारा डॉ. वी आर भागवत तथा डॉ. आर आर चापके को विशेषज्ञ समिति के सदस्य के रूप में मान्यता प्रदान की गई ।

### स्वच्छ भारत अभियान

परिषद के आदेशानुसार स्वच्छ भारत अभियान के अंतर्गत निदेशालय के कार्यालय एवं परिसर की सफाई का कार्यक्रम चलाया गया । उक्त कार्यक्रम के अंतर्गत 5, 12 तथा 19 फरवरी 2015 को क्रमशः अतिथि गृह की सफाई, कार्यालय के दीवारों की सफेदी तथा सूचना प्रौद्योगिकी संबंधी अनुपयुक्त सामानों का छंटई की गई ।

### विशिष्ट आगन्तुक

**डॉ. दीपक संत्रा का दौरा :** डॉ. दीपक संत्रा, सहायक प्रोफेसर, सस्य विज्ञान तथा बागवानी विभाग, एवं प्रजनक वैकल्पिक फसल, नेब्रस्का विश्वविद्यालय, सं.रा.अ. ने भाकअनुसं, हैदराबाद का दौरा किया । डॉ. संत्रा ने सं.रा.अ. में वैकल्पिक फसलों की खेती विषय पर व्याख्यान दिया तथा ज्वार एवं अन्य कदन्नो के विशेष संदर्भ में कृषि विकास संबंधी नीतियों को प्रस्तुत किया। डॉ. विलास ए टोणपी, प्रभारी निदेशक ने आगंतुक को संस्थान में संचालित अनुसंधान एवं विकास संबंधी गतिविधियों के बारे में जानकारी प्रदान की ।

### आगन्तुक

#### कृषक

- ज्वार फसल पर तकनीकी जानकारी एवं उसकी उपयोगिता पर जानकारी प्राप्त करने के उद्देश्य से श्री फैरोज, सहायक कृषि अधिकारी, कृषि विभाग, बागलकोट, कर्नाटक के नेतृत्व में 8 महिला शामिल 30 प्रशिक्षार्थी कृषकों के समूह एवं डॉ. बसवराज हनगंडी, एम.डी. जोहा एड. ट्रिज्म एवं इर्वेट, धारवाड़ ने 10 फरवरी, 2015 को भाकअनुसं, हैदराबाद का दौरा किया । डॉ. विलास ए टोणपी, डॉ. बी वी भट, डॉ. आर आर चापके तथा श्री एच एस गावली ने कृषकों को नवीनतम उत्पादन प्रौद्योगिकियों के संबंध में संक्षिप्त जानकारी प्रदान की ।
- महाराष्ट्र के धुले जिले से कुल 46 कृषकों के समूह ने 25 फरवरी, 2015 को भाकअनुसं, हैदराबाद का दौरा किया । संस्थान के वैज्ञानिकों ने उनसे परस्पर वार्ता की । उन्हें रबी मौसम हेतु नई कृष्य किस्मों, ज्वार रोग प्रबंधन, ज्यादा उत्पादन हेतु नवीनतम कृषि कार्य एवं मूल्य-वर्धित ज्वार उत्पादों के बारे में जानकारी प्रदान की गई ।

**-डॉ. महेश कुमार**

the DUS testing for different candidate varieties taken up along with the claimed distinct characteristics and the expression of the same. Dr. Vilas Tonapi, Principal Scientist (SST) and Dr. Elangovan, Principal Scientist (PGR) also attended the monitoring. Dr Aditya Sharma, Plant Breeder,



Represented M/S Syngenta India Limited. Under 1st year testing four candidate varieties (CSV 26, CSV 29R, DGJ 025 and Dadar) were tested along with four reference varieties, and under 2nd year testing three candidate varieties (KSR 6310, KSR 6313 and Aparna) were tested along with five reference varieties. The overall crop growth and expression of morphological characters were very good in all the candidate and reference varieties. The Chairman appreciated the overall conduct of DUS testing trials. In some of the candidate varieties like CSV 26, DGJ 025, Aparna, KSR 6313 and KSR 6310, there was slight difference in the observed and claimed traits, and the same had been noted in the monitoring proformae. Apart from DUS testing trials maintenance breeding of 56 reference varieties was also taken up. The report of the monitoring team and DUS test proformae for the candidate varieties were prepared by the team.

### Training programme on "Post Harvest Technologies of Sorghum & other Millets" for AP & Telangana farmers

Two day training programme on "Post Harvest Technologies of Sorghum/ Millets" was specially organized for farmers from Andhra Pradesh and Telangana states under NSFM project, during 17-18 February 2015 at Indian Institute of



Millets Research. The main objective of this programme was to update them on post-harvest technologies available with IIMR and discuss and resolve the teething problems encountered during adoption of processing technology. Total 39 farmers from Andhra Pradesh and Telangana states participated in this training programme.

The training was inaugurated by Dr Vilas Tonapi, In-charge Director, IIMR, Hyderabad. The course covered various aspects on value-addition of sorghum and millet food

processing techniques including operation of primary processing equipment and novel recipe making. Resource persons were experts in their fields from both private and public institutions.

There was a participatory and interactive training with lab visits to Sorghum processing lab at IIMR. Smt. A Annapurna and her team explained the processing and production of sorghum health foods to the participants. Dr. Toanpi distributed the certificates to the participants during the valedictory session. Drs Ch Shashidhar Reddy, Principal Scientist and D Balakrishna, Senior Scientist were coordinators of this programme.

### Sorghum stall at Telangana Millet Fest-2015

Indian Institute of Millets Research set up a sorghum stall and organized an exhibition of sorghum products during "Telangana Millet Fest- 2015" which was held at Peoples' Plaza, Necklace Road, Hyderabad during 27 February -1 March, 2015. More than 3500 people visited the sorghum stall. The importance of sorghum as health and nutritious food was explained to them and the relevant literature was distributed. They were explained about the acceptability of sorghum foods as health food in urban areas, Smt. A Annapurna, Technical Officer and other team members from INSIMP project from IIMR managed this stall and Sale. Telangana Millet Fest was jointly organized by the Department of Agriculture, Government of Telangana and Faculty of Home Science, PJTS Agriculture University, Hyderabad.

### Recognition

Dr. VR Bhagwat and Dr RR Chapke have been nominated by Director, IIMR as expert committee member for scrutiny and recommendation of suitable technologies during workshop held on "Popularization and Commercialization of low cost Agril. Technology during 4-6 Feb 2015 at NIPHM, Hyderabad.

### Swachh Bharat Abhiyan

In compliance of the Council's Order on Swachh Bharat Mission (SBM) a series of campus and office cleaning programmes were undertaken at Indian Institute of Millets Research, Hyderabad under the chairmanship of Dr SS Rao, Nodal Officer, SBM.

### Guest House cleaning/management

**5 Feb. 2015:** All the IIMR staff attended the SBM activities such as cleaning of guesthouse, sweeping of surroundings of guesthouse building, removing of junk/ metal/ left over construction materials in the guesthouse premises, etc. There was enthusiasm among the participants to clean the surroundings. The program was coordinated by Dr Sunil Gomashe, Dr Ganapathi, IIMR.

### White washing and painting of office/ lab buildings

**12 Feb. 2015:** All the IIMR staff attended the SBM worked on the painting of farm section building walls and widows including scrapping and cleaning old paint, white washing etc. There was greater interest among the participants to clean and paint the dilapidated old buildings at IIMR. The program was coordinated by Dr K.Srinivasa Babu, Sr Scientist.

### Cleaning/condemning old and unused IT related items

**19 Feb. 2015:** Many IIMR staff attended the SBM worked on the Cleaning/condemning old and unused IT related items. The IIMR staff will continue activity until 25 Feb 2015 on returning the old and unused IT related items to stores for further action. The program was coordinated by Dr V. Ravi Kumar Technical Officer under the overall guidance of Stores and Administrative Officers.

### Distinguished Visitors

#### Visit of Dr. Dipak Santra

**Dr. Dipak Santra**, Assistant Professor, Department of Agronomy and Horticulture, and alternate crops breeder from University of Nebraska, USA visited IIMR on 17 February, 2015. Dr. Santra delivered a lecture on alternate crops cultivated at USA and explained the agriculture development strategy with special reference to the



sorghum and other millets. Various taskforce leaders at IIMR briefly explained on their area of activities and participated in the deliberations. Dr. Vilas A Tonapi, Director in-charge, IIMR explained the visitor about the new initiatives in millets. He also said efforts be made to chalk out a broad collaboration for a joint research efforts in millets to benefit to rural livelihood. Dr. Santra also visited the Centre of Excellence and other lab facilities at IIMR.

### Visitors

#### Farmers from Bagalkot

A group of 30 trainee farmers including 8 women farmers under the leadership of Mr. Fairoz, Assistant Agriculture officer, Department of Agriculture, Bagalkot, Karnataka state and Dr. Basavaraj Hanagandi, MD, Joha adv tourism and events, Dharwad, visited the IIMR on 10 February, 2015 to get detailed know-how about the sorghum crop and its usefulness. Drs. Vilas A Tonapi, BV Bhat, RR Chapke and Mr. Harshal Gawali briefed the team about the latest production technologies developed at the institute and the demonstration plot. The team showed keen interest on dual purpose varieties, forage sorghum and sweet sorghums and availability of its seed.

#### Farmers from Dhule District

A total of 46 farmers from Dhule district, Maharashtra visited IIMR, Hyderabad on 25 February, 2015. The scientists at IIMR interacted with them. They learnt about the new cultivars for rabi season, management of sorghum diseases, package of practices to be followed for getting higher yields, and the value-added products of sorghum and avenues for their marketing. They have also visited the sorghum food technology park. They were briefed about the sorghum food processing and production of sorghum

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

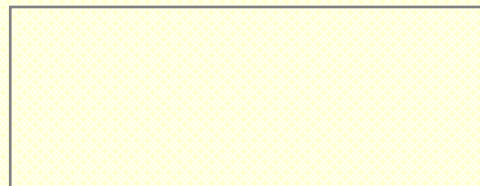
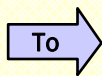
S.	Name of the Official	Participated in	Type	Venue	Dates
1	JV Patil, Vilas A Tonapi, AV Umakanth, K Srinivas Babu & P Sanjana Reddy	XII Agriculture Science congress	C	CCSHAU, Hisar	03-06 Feb, 2015
2	JV Patil & Vilas A Tonapi	Meeting with VC, UAS, Raichur	M	UAS, Raichur	10 Feb,

### Thought for the month

Life is not lost by dying; life is lost minute by minute, day by dragging the work all through the day, in all the thousand small uncaring ways."

-- Stephen Vincent Benet

### Printed Matter / Book Post



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