



# ज्वार अनुसंधान निदेशालय Directorate of Sorghum Research

## घटनाक्रम तथा समाचार Happenings & News



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### DSR's Capacity building initiative for seed industry on PVP

DSR under the aegis of Syngenta India Ltd. Pune organized a two day programme on "Theoretical and Practical aspects of Plant variety protection in India". The plant breeders from



Two day programme on "Theoretical and Practical aspects of Plant variety protection in India" in progress

seed industry participated in this programme. They were trained in the process of filing PVP applications, novel breeding strategies to be adopted and essentially derived varieties. This programme also encompassed a special training module of 6 hours on "Work-Life-Balance" by HRD manager of Syngenta. This programme was organized and coordinated by Dr. Vilas A Tonapi and M Elangovan of DSR and Dr. Gururaj Kulakarni, PVP manager, Syngenta. The next programme on Capacity building by DSR is scheduled to be held at ICAR Research Complex, Goa from 28 February, 2011.

### Workshop on "Entrepreneurship development for novel sorghum foods"

Jowar products have great demand if marketed skillfully. These initiatives not only help to generate employment for rural women but also stimulate higher sorghum production

### समाचार सारांश

**पादप क्रिस्म संरक्षण के लिए बीज उद्योग के क्षमता निर्माण हेतु निदेशालय की पहल :** निदेशालय तथा सिंगेन्टा इंडिया लि. पुणे के संयुक्त तत्वावधान में भारत में पादप क्रिस्म संरक्षण के सैद्धांतिक तथा प्रायोगिक पहलू विषय पर दो दिवसीय प्रशिक्षण कार्यक्रम का आयोजन किया गया। उक्त कार्यक्रम में बीज उद्योग से आए पादप प्रजनकों ने भाग लिया तथा उन्हें पा.क्रि.सं. हेतु आवेदन भरने, अपनाने योग्य नई पादप प्रजनन नीतियों तथा अनिवार्यतः व्युत्पन्न क्रिस्मों के संबंध में प्रशिक्षित किया गया।

**ज्वार के नए खाद्य पदार्थों हेतु उद्यमिता विकास पर कार्यशाला :** निदेशालय के द्वारा ई-आईटीसी के संयुक्त तत्वावधान में परभणी (महाराष्ट्र) के बोरीसावन ग्राम में 31 जनवरी 2011 को महिला तथा ज्वार कृषकों हेतु ज्वार के नए खाद्य पदार्थों हेतु उद्यमिता विकास पर एक कार्यशाला-सह-प्रशिक्षण कार्यक्रम का आयोजन किया गया।

**डॉ. सी वी रत्नावती, प्रधान वैज्ञानिक, ज्वा.अनु.नि. को नई परियोजना स्वीकृत :** निदेशालय की प्रधान वैज्ञानिक डॉ. सी वी रत्नावती को कृषि में बुनियादी, योजनाबद्ध तथा सीमांत उपयोग अनुसंधान हेतु राष्ट्रीय निधि (NFBFARA) से पर्याप्त एथनॉल उत्पादनार्थ मीठी ज्वार में सुक्रोस जमाव पर अध्ययन नामक परियोजना प्राप्त हुई है।

**राष्ट्रीय बीज सम्मेलन 2011 में दो अग्र-लेख :** डॉ. विलास ए टोणपी ने कृषि महाविद्यालय, पुणे में 29-31 जनवरी 2011 को दौरान आयोजित राष्ट्रीय बीज सम्मेलन में प्रास्-पेक्ट्स ऑन सोरघम प्रोडक्शन एंड मार्केटिंग इन इंडिया तथा वायब्रेंट सीड इंडस्ट्री इन एपी : द सीड कैपिटल ऑफ इंडिया फुलफिलिंग द रोल विथ सोशल अकाउंटेबिलिटी विषय पर दो अग्र-लेख प्रस्तुत किए।

**नैफेड बाजार में ज्वार प्रदर्शनी :** निदेशालय के द्वारा नैफेड बाजार, नई दिल्ली में 21-25 जनवरी, 2011 के दौरान ज्वार के खाद्य पदार्थों के संबंध में जागरूकता पैदा करने के लिए ज्वार के बनाने को तैयार तथा खाने को तैयार खाद्य पदार्थों की प्रदर्शनी लगाई गई।

**नैफेड बाजार, नई दिल्ली में इटराइट ब्रांड का शुभारंभ :** कृषि भवन, नैफेड बाजार, नई दिल्ली में 21 जनवरी 2011 को निदेशालय के इटराइट ब्रांड का शुभारंभ किया गया।

**मोटे अनाज (कदन्न) पर गठित कार्य-दल की पहली बैठक :** हैदराबाद में नवंबर, 2010 के दौरान कदन्न पर आयोजित राष्ट्रीय संगोष्ठी में मोटे अनाज (कदन्न) हेतु गठित कार्य-दल की पहली बैठक 21 जनवरी 2011 को कृषि भवन, नई दिल्ली में आयोजित की गई।

**नए वैज्ञानिक द्वारा कार्यभार ग्रहण :** इक्रिसेट, हैदराबाद में वरिष्ठ वैज्ञानिक अधिकारी के रूप में कार्यरत डॉ. पी संजना रेड्डी ने 17 जनवरी 2011 को निदेशालय में वरिष्ठ वैज्ञानिक के रूप में कार्यभार ग्रहण किया। निदेशालय में आपका स्वागत है!

**श्री अरुण प्रताप सिंह का सहायक निदेशक कृषि के रूप में चयन :** निदेशालय में तकनीकी अधिकारी के रूप में कार्यरत श्री अरुण प्रताप सिंह का मध्य प्रदेश राज्य के किसान कल्याण तथा कृषि विभाग में सहायक निदेशक कृषि के रूप में चयन किया गया तथा विदिशा में उनकी तैनाती की गई। निदेशालय की ओर से उन्हें हार्दिक बधाई!

हिंदी सारानुवाद : डॉ. महेश कुमार

and profitability to the farmers. A workshop cum training programme for women and sorghum farmers on “Entrepreneurship development of novel sorghum food” was held at Borisavan Village of Parbhani Dist (Maharashtra) on January 31, 2011. This meet was organized by DSR in collaboration with ITC under the NAIP program. It was attended by more than 500 rural women, selected ITC *sanchalaks* and sorghum farmers. The hands-on training was imparted in the preparation of value-added products such as biscuits, flakes, sorghum *rava ladoos* and other products. Drs C Sashidhar Reddy, TG Nageswara Rao and P Mukesh from DSR participated in this programme. Smt. Vishala Devender and Sailaja of NAIP were the key personnel from DSR organizing this programme.

### Breeder Seed Monitoring

The sorghum breeder seed plots of CSV 15, CSV 17, CSV 20, SSV 84, CSV 24 SS, ICSA 38, CSV 22 at Kurnool, Adoni, Mantralayam and Mahaboobnagar were monitored by team of DSR scientists, officials from Andhra Pradesh State Seed Certification agency and National Seeds Corporation



*Breeder Seed plot of SSV 84 being monitored by DSR scientists*

between 24-26 January 2011. These crops grown in isolation, as per breeder seed production field standards and norms were certified as genetically pure. The BSP-III was submitted to all the relevant officials. Drs. Vilas A Tonapi, AV Umakanth, B Venkatesh Bhat and M Elangovan (Scientists) and HS Gawali from DSR participated in this breeder seed monitoring programme.

### Lead paper at National Seed Congress 2011

Dr. Vilas A Tonapi presented two invited lead papers on “Prospects on sorghum seed production and marketing in India” and “Vibrant seed industry in AP: the seed capital of India fulfilling the role with social accountability”, National Seed Congress held at Agricultural College, Pune from 29-31 January, 2011.

### Exhibition Stall at NAFED Outlet

An exhibition was organized as a part of promotional activity for creating awareness on sorghum foods and sorghum ready-to-eat foods at NAFED Outlets in New Delhi between 21 -25 January 2011. In this exhibition DSR displayed the posters, danglers and flour stacker and samples of processed products of sorghum. A large number of participants encompassing policy makers, scientists, private sector delegates, students and farmers visited the stall. Exhibition on sorghum foods has received appreciations from the audience. At this stall wet sampling and ready-to-eat Idly, dosa were demonstrated to the customers and



*Overwhelming response seen at the sorghum stall*

distributed free of cost. Visitors showed keen interest to know the details of processed foods and the various machinery used for processing of sorghum. In this exhibition some entrepreneurs enquired about the training programmes conducted by DSR in the processing of sorghum foods. There was a good response and visitors were enthusiastic and appreciated DSR/NIN/ANGRAU joint efforts under NAIP subproject. Visitors had also shown keen interest on nutritional importance. This exhibition was organized under the leadership of Dr.B.Dayakar Rao, CPI of Millet-Value Chain project and was coordinated by Mr Pramod Kumar, Technical officer, DSR and Ms Kiranmai, Research Associate (NAIP-MVC Project).

### “Eatrite” Brand launch at NAFED BAZAR in New Delhi

DSR’s “Eatrite” Brand was launched in Krishi Bhawan, at NAFED Bazar on 21 January, 2011. The response was very overwhelming as participants were exposed to Jowar products like Jowar Dosa, and Jowar Rawa Laddus. The other most liked products were Jowar Flakes, Jowar Vermicelli and Jowar Rich Multigrain *atta*. These products were also launched simultaneously at other NAFED Bazaar branches at Guru Tej Bahadur Hospital and Aashram Chowk. The Delhi audience welcomed eatrite and has started to like Jowar products.

### First Meeting of Task Force on Millets

The first meeting of “Task Force on Millets” was held on 21 January, 2011 at Krishi Bhavan, New Delhi. During the “National Seminar on Millets” held at Hyderabad in November 2010, a Task Force was constituted under the Chairmanship of Agriculture Commissioner, Gol, to develop a suitable programme for sustainable development of millets, which could be funded through RKVY on the pattern of Accelerated Pulse Production Programme (A3P). Main points discussed in the meeting were ensuring production, aggregation of NGO's and private companies, supply chain



*Task force on Millets meeting at Krishi Bhavan, New Delhi headed by Dr. Gurbachan Singh, Agricultural Commissioner, Govt. of India.*

management, processing, How to reach consumers & their demand, crop Insurance. This meeting was headed by Dr. Gurubachan Singh. Dr. B Dayakar Rao, task force member of DSR also participated in the deliberations.

### Dr. Ratnavathi bagged NFBSFARA project

The research project on 'Studies on sucrose accumulation in sweet sorghum for efficient ethanol production' proposed by Dr. CV Ratnavathi, Principal Scientist, DSR secured National fund for basic, strategic and, frontier application research in agriculture (NFBSFARA) financial support. The project is funded for Rs. 193 lakhs for 5 years period with a cooperating centre at MPKV, Rahuri. Dr. SR Gadakh is CCPI.

### Republic Day celebrated

The Nation's 62<sup>nd</sup> Republic Day was celebrated at DSR with great enthusiasm and gaiety on January 26, 2011. Dr. SS Rao, Director In-charge hoisted the National flag and



The republic day flag being unfurled by the acting Director, Dr. SS Rao

addressed the staff. He briefed the major achievements of DSR for the past few years and stressed the need to rededicate ourselves with a commitment to meet the future challenges.

### New Scientist joins DSR



Dr. P Sanjana Reddy, previously Senior Scientific Officer, ICRISAT, Hyderabad, joined as Senior Scientist (Plant Breeding) on 17<sup>th</sup> January, 2011. Her e-mail id is: [sanjana@sorghum.res.in](mailto:sanjana@sorghum.res.in). The sorghum family welcomes Dr. Sanjana Reddy.

### Arun Pratap Singh selected as ADA, Govt. of MP

Mr. Arun Pratap Singh, Technical Officer working at DSR has been selected as "Assistant Director of Agriculture" at Farmers Welfare and Agriculture Development, Government of Madhya Pradesh and posted at Vidisha, MP. Congratulations to Mr. Singh on this new assignment..



### Lectures Delivered

Dr. Vilas A Tonapi delivered an invited lecture on "Seed legislation in India", "Sorghum hybrid seed production" and "Seed Sampling" at Training programmes organized by National Seed Corporation on 5 January, 2011 and ANGRAU for seed certification officers on 17 January, 2011.

Dr. M Elangovan delivered invited lecture on "DUS testing in sorghum" at MRSF foundation, ANGRAU, Hyderabad, organized by Padmashri Dr. EA Siddiq on 28 January, 2011.

### Superannuation

Sh C Narsimha, SSS. superannuated on 31 January, 2011 after his long service to the institute in various capacities.



Shri C Narsimha being felicitated by the Acting Director, Dr. SS Rao

The staff recreation club organized a farewell meeting. Dr. SS Rao, Director In-charge honoured Mr. Narasimha with a shawl and flowers and Smt. CV Ratnavathi, Principal Scientist presented memento. The staff wished them a happy and healthy retired life

### Doctorate awarded

RG Sandeep was awarded Doctorate in Genetics & Plant Breeding by University of Agricultural Sciences (UAS), Bangalore. His doctoral work is on "Genetic analysis of sugar yield and its related traits in Sweet sorghum [*Sorghum bicolor* (L.) Moench.]. He was co-guided by Dr. B. Venkatesh Bhat at DSR and Guide was Dr. MR Gururaja Rao of UAS, Bangalore. Dr. SS Rao, Principal Scientist, DSR was one of the Advisory committee members for him. Congratulations to Dr. Sandeep on his achievement.



### Visitors

#### Farmers from Hingoli

Mr. Vijay Kumar, a progressive farmer along with 10 farmers from Hingoli, Maharashtra visited DSR on 10



Farmers being appraised about the latest cultivation practices

January, 2010 as a part of their visit to various research organizations in Hyderabad. Mr. Pramod Kumar Technical Officer explained them about improved kharif & Rabi sorghum production technologies and profitability from sorghum. The farmers also visited the demonstration plots and food processing lab.

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

S. No	Name of the Official	Participated in	Type	Venue	Dates
1	SV Rao	Training programme on "Advanced Techno-Management Programme for Middle level scientists"	T	ASCI, Hyderabad	3 Jan - 4 Feb, 2011
2	VA Tonapi & M Elangovan	Symposium on "Capacity building on PVP for seed industry"	S	Syngenta India, Pune	20-22 Jan, 2011
3	B Dayakar Rao	Meeting of Task force on Millets	M	ICAR, New Delhi	21 Jan, 2011
4	SS Rao, CV Ratnavathi, S RaviKumar & AV Umakanth	Indo-Canada Workshop on Exploitation of agro-industrial biomass for integrated biofuel and novel products through sustainable production systems	W	IIC1, Hyderabad	27-28 Jan, 2011
5	VA Tonapi	National Seed Congress -2011	S	Agricultural College, Pune	29-31 Jan, 2011

## Official Tours

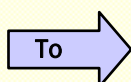
S. No	Name of the Official	Place Visited	Dates	Purpose
1	CV Ratnavathi	New Delhi	06 Jan, 2011	Discussion on Nacional fund Project
2	HS Talwar	Badnapur, Jalna	17-18 Jan, 2011	To monitor the crop and record observation in trials
3	JS Mishra & Ashok Gadewar	Dharwad	17 -23 Jan, 2011	To monitor AICSIP trials
4	VR Bhagwat & IK Das	Solapur, Mohol, Phalton & Rahuri	10-13 Jan, 2011	To monitor rabi AICSIP trials
5	B Dayakar Rao	Bijapur	17 Jan, 2011	Visited M/s Bhavani Foods
6	B Dayakar Rao & Pramod Kumar	Krishi Bhavan, New Delhi.	19-27 Jan, 2011	To launch and promotion of sorghum food products at NAFED bazaar, Krishi bhavan, Asra, GTB hospital, Nandnagari in New Delhi
7	Char Appaji & VR Bhagwat	Akola, Ekrajuna, Washim & Buldhana	20 -24 Jan, 2011	To monitor frontline demonstrations (FLDs) on rabi sorghum
8	RR Chapke	Parbhani & Rahuri,	10-14, Jan 2011	To monitor frontline demonstrations (FLDs) on rabi sorghum
9	RR Chapke, Chari Appaji & AR Limbore	Bijapur & Solapur	17-20, Jan 2011	To monitor frontline demonstrations (FLDs) on rabi sorghum
10	RR Chapke & A Kalaisekar	Landur	22, Jan 2011	To monitor frontline demonstrations (FLDs) on rabi sorghum
11	VA Tonapi, AV Umakanth, M Elangovan, BV Bhat & HS Gawali	Kurnool, Adoni, Mantralayam & Mahaboobnagar	24-26 Jan, 2011	To monitor sorghum breeder seed plots of DSR.

### 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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