



ज्वार अनुसंधान निदेशालय

Directorate of Sorghum Research

घटनाक्रम तथा समाचार Happenings & News



Serial No. 90

Hyderabad ■ Solapur ■ Jalna

March, 2011

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DDG (CS) visits DSR

Dr. Sapan Kumar Datta, Deputy Director General (Crop Sciences), ICAR, visited DSR on 8 March, 2011. Dr. JV Patil, Director, DSR welcomed him and described about the institute's ongoing research, administrative and developmental activities. Dr. Datta visited sorghum research fields and



Dr. Sapan Kumar Datta, Deputy Director General (Crop Sciences), observing transgenic Bt protein expression in sweet sorghum transgenics

laboratories of Biotechnology and molecular biology and other facilities. He also tasted novel and nutritive sorghum foods being showcased and popularized by the institute. Detailed discussions were about entrepreneurship development and

समाचार सारांश

निदेशालय में उप महानिदेशक (फसल विज्ञान) का दौरा : डॉ. स्वपन कुमार दत्ता, उप महानिदेशक (फसल विज्ञान) भाकृअनुप ने 8 मार्च 2011 को निदेशालय का दौरा किया। डॉ. जे वी पाटील, निदेशक, ज्वा.अनु.नि. ने उनका स्वागत किया तथा उन्हें संस्थान में चल रही अनुसंधान, प्रशासनिक तथा विकास गतिविधियों के संबंध में जानकारी प्रदान की।

पौधा क्रिस्म संरक्षण पर जागरूकता कार्यक्रम : कृषि तथा पौधा क्रिस्म संरक्षण में बौद्धिक संपदा के अधिकार संबंधी मुद्दों पर जागरूकता पैदा करने हेतु निदेशालय ने 30 मार्च 2011 को पौधा क्रिस्म संरक्षण पर जागरूकता कार्यक्रम का आयोजन किया। इस प्रशिक्षण कार्यक्रम में सार्वजनिक तथा निजी क्षेत्र की बीज कंपनियों के प्रतिनिधियों तथा कृषि विश्वविद्यालयों से शोधकर्ताओं ने भाग लिया।

पद्मश्री ईए सिद्दीकी को बधाई : निदेशालय के द्वारा 30 मार्च 2011 को पौधा क्रिस्म संरक्षण पर आयोजित जागरूकता कार्यक्रम के दौरान डॉ. ई ए सिद्दीकी को भारत सरकार के द्वारा प्रतिष्ठित नागरिक पुरस्कार पद्मश्री प्रदान किए जाने के पूर्व बधाई दी गई तथा डॉ. जे वी पाटील, निदेशक, ज्वा.अनु.नि. ने शाल एवं प्रशस्ति पत्र प्रदान करके उनका सम्मान किया।

धान-परती में प्रक्षेत्र दिवस का आयोजन : डॉ. जे वी पाटील, निदेशक, ज्वा.अनु.नि. तथा वैज्ञानिक दल ने 11-12 मार्च 2011 के दौरान आंध्र प्रदेश के गुंटुर जिले के रेपल्लै तथा नल्लपाडु गांवों में धान-परती के कुछ कृषक प्रक्षेत्रों का दौरा किया। डॉ. पाटील ने अपनाये जा रहे उत्पादन तथा प्रबंधन कार्यों के संबंध में कृषकों के साथ विचार-विमर्श किया।

एनएफबीएसएफएआरए परियोजना की समीक्षा एवं नियोजन बैठक : निदेशालय में 26 मार्च 2011 को एनएफबीएसएफएआरए वित्तपोषित परियोजना सफल एथनॉल उत्पादन हेतु सुक्रोस संचय पर अध्ययन की समीक्षा एवं नियोजन बैठक संपन्न हुई।

क्रिस्मों/संकरों के लोकार्पण हेतु मानक निर्धारण के लिए समिति की बैठक : निदेशक ज्वा.अनु.नि. के निदेशानुसार क्रिस्मों तथा संकरों को प्रारंभिक से उन्नत परीक्षण अवस्था में आगे बढ़ाने हेतु मानक तैयार करने के लिए 4 मार्च 2011 को एक बैठक का आयोजित की गई।

नई दिल्ली में ज्वार खाद्य पदार्थों का प्रदर्शन : ज्वार खाद्य पदार्थों तथा ज्वार के खाने का तैयार खाद्य पदार्थों के संबंध में जागरूकता पैदा करने के लिए प्रचार गतिविधियों के अंतर्गत 27 फरवरी, 2011 से 8 मार्च 2011 के दौरान कृषि भवन, नई दिल्ली में ज्वार के खाद्य

पदार्थों का प्रदर्शन किया गया ।

मान्यता एवं सम्मान : डॉ. सी वी रत्नावती , प्रधान वैज्ञानिक, ज्वा.अनु.नि. द्वारा प्रस्तावित प्रक्रियाशील खाद्य के रूप में ज्वार तथा उसके चिकित्सकीय गुणों नामक परियोजना को एनएफबीएसएफएआरए से वित्तीय सहायता प्राप्त हुई है ।

डॉ. एस एस राव, प्रधान वैज्ञानिक को आंध्र प्रदेश के करीमनगर जिले के जम्मीकुटा में कृषि विज्ञान केंद्र द्वारा विषय सापेक्ष विशेषज्ञों की भर्ती हेतु अनुभाग समिति के सदस्य के रूप में आमंत्रित किया गया ।

डॉ. आई के दास, वरिष्ठ वैज्ञानिक को नई दिल्ली से प्रकाशित पत्रिका *इंडियन फैंटो-पैथोलॉजी* हेतु लेख समीक्षा के लिए एक सहयोगी संपादक के रूप में चुना गया है ।

व्याख्यान : डॉ. बी वेंकटेश भट्ट ने भारतीय बागवानी अनुसंधान संस्थान, बैंगलुरु द्वारा *एपोमिक्सिस इन हार्टिकल्चर क्रॉप्स* पर 15 मार्च 2011 को आयोजित प्रशिक्षण कार्यक्रम में *एपोमिक्सिस इन सोरघम एंड फोरोज क्रॉप्स* पर अतिथि व्याख्यान दिया ।

डॉ विलास ए टोणपी ने भरवाले फाउंडेशन, हैदराबाद में बीज उद्योग हेतु बीज उत्पादन पर आयोजित प्रशिक्षण कार्यक्रम के दौरान *वाईब्रेंट सीड इंडस्ट्री इन इंडिया* विषय पर अतिथि तथा उद्घाटन व्याख्यान दिया । **डॉ. कन्नबाबू** ने भी इसी प्रशिक्षण कार्यक्रम के दौरान *सोरघम सीड प्रोडक्शन* विषय पर व्याख्यान दिया ।

स्थानांतरण : श्री एन.वी.आर.एन मूर्ति, सहायक वित्त एवं लेखा अधिकारी का वित्त एवं लेखा अधिकारी के रूप में पदोन्नति के साथ एनबीएसएएसएलयूपी, नागपुर में स्थानांतरण किया गया । अतः उन्हें 5 मार्च 2011 को इस निदेशालय से कार्यभार मुक्त किया गया ।

सेवा-निवृत्त : निदेशालय में लंबे समय से विभिन्न पदों पर कार्यरत श्री जी सतय्या, टी-1-3 (वाहन चालक) अधिवर्षिता पर 31 मार्च 2011 को सेवा-निवृत्त हुए । *निदेशालय का स्टाफ उनके अत्यंत खुशहाल जीवन की कामना करता है*

आगंतुक : छात्र : डॉ. पंजाबराव देशमुख कृषि विद्यापीठ, आकोला के अंतर्गत कृषि महाविद्यालय से एसोसिएट प्रोफेसर के साथ 26 स्नातक (कृषि) अंतिम वर्ष के छात्रों ने 3 मार्च 2011 को निदेशालय का दौरा किया ।

कृषक : बिरसा कृषि विश्वविद्यालय, रांची, बिहार से डॉ. निरज कुमार, वैज्ञानिक (पादप प्रजनन) के साथ 3 अन्य संकाय सदस्यों के नेतृत्व में 22 कृषकों ने 5 मार्च 2011 को निदेशालय का दौरा किया ।

श्री पी एम ए खान, मंडल कृषि अधिकारी, नंदयाल, कर्नूल, आंध्र प्रदेश के नेतृत्व में 5 महिला कृषक सम्मिलित 12 कृषकों के दल ने 15 मार्च 2011 को निदेशालय का दौरा किया ।

प्रशिक्षार्थी : सुश्री ए पार्वती, सहायक निदेशक कृषि के नेतृत्व में स्टेट एग्रिकल्चर मैनेजमेंट एंड ट्रेनिंग इंस्टिट्यूट, मलकपेट, हैदराबाद से 12 प्रशिक्षार्थियों के दल ने 5 मार्च 2011 को निदेशालय का दौरा किया ।

हिंदी सारानुवाद : डॉ. महेश कुमार

commercialization activities. He also visited genetic



Dr. Datta examining novel sorghum foods being popularized by DSR

resources experimental fields where he was explained about the rabi sorghum improvement involving rabi landraces. DDG was also appraised about the ongoing projects and development of Bt transgenic sweet sorghum for resistance to stem borer.

Training-cum-learning "Awareness programme on plant variety protection"

Training-cum-learning "Awareness programme on plant variety protection" was organized by DSR Hyderabad on 30 March, 2011, to create awareness on IPR issues in agriculture and plant variety protection. This event also stimulated interaction



Dr. JV Patil, Director, DSR delivering Chairman's address during the inaugural session

between public and private sector scientists. The training was attended by 100 delegates representing the cross-section of the major private and public sector seed companies, and researchers from agricultural universities. Padma Shri Dr. EA Siddiq, former DDG (CS) inaugurated this awareness programme in the presence of Dr PK Singh, Registrar, PPV&FRA, New Delhi, Dr. Satish Kumar, President, AP Seedsmen association, and Dr. Venkat Reddy, Secretary, AP Seedsmen association, Hyderabad. Dr. JV Patil, Director, DSR chaired the inaugural session. The participants were trained on issues relating to plant variety protection legal issues affecting seed industry. They studied the process of filling the PVP forms and discussed intricacies involved. Drs. Vilas A Tonapi and M Elangovan were the course directors.

Field Days Organized in Rice-fallows

Dr. JV Patil, Director, Directorate of Sorghum Research (DSR) and team of scientists visited to several farmers' fields between 11 -12 March, 2011 in rice-fallows in Repalle and Nallapadu village in



Dr. JV Patil, Director, DSR, addressing the farmers' gathering at Repally and Nallapadu villages in Tenali of Guntur

Guntur district of Andhra Pradesh. Dr. Patil interacted with the farmers and discussed about the production and management practices being followed. The sorghum trials have been organized

with six public (CSH 16, CSH 23 and CSH 25) and private sorghum hybrids. National hybrids CSH 16 and CSH 25 were performing better than the locally popular private sector hybrid Mahalaxmi. After the field visits, group meetings with farmers were also organized. The meetings were chaired by Dr. JV Patil, Director, DSR and attended by around 250 farmers of this area besides Managing Director of Devgan Company, Hyderabad and ex- Sarpanch of Nallapadu village. Dr. Patil addressed the farmers about importance of sorghum and mainly as the use of sorghum fodder and its nutritional values for their animals. He advised farmers to adopt improved cultivars to get more profit. He assured them of DSR's support for sorghum development in rice-fallows by providing promising technologies and introduction of mechanization where ever possible. DSR scientists Drs. JS Mishra, B Subbarayudu and RR Chapke also participated in this event. Dr. B Subba Rayudu, explained the farmers about the benefits of sorghum cultivation in the regional language, Telugu. This programme was widely covered in the print media.

Scientists Field Day at DSR

Dr. JV Patil, Director and all the scientists of the DSR participated in the Scientists' Field Day at DSR on 29 March 2011. The Institute Research Committee



Drs. Audilaxmi (above) and M Elangovan explaining about Improved sorghum genotypes to the director and fellow scientists

(IRC) chaired by the Director visited the Rabi field

experiments grown in Terrace and GTC farms of the institute. Concerned scientists explained the objectives of their experiments and shared their major observations with the IRC. The IRC discussed about the expected output with each scientist. Observations and comments made by the IRC have been recorded for proceedings. Drs. IK Das and JS Mishra coordinated this programme.

Felicitation to Padmashri EA Siddiq

On the eve of receiving the prestigious civilian award “Padma Shri” by the Government of India, Dr. EA Siddiq was felicitated by DSR on 30 March, 2011 on the sidelines of training programme on plant variety protection organized by the DSR. Dr. Vilas A Tonapi, Principal Scientist gave a brief account of Dr. Siddiq’s achievements and his research contributions to the nation. He was felicitated by Dr.



Dr. EA Siddiq being felicitated by Dr. JV Patil, Director, DSR, on the occasion of conferring Padma Shri by GoI

JV Patil, Director, DSR by presenting a shawl and citation. Speaking on this occasion, Dr. Siddiq emphasized on the need for working hard to usher in food and nutritional security in the country. He expressed his thanks to one and all for their help and co-operation during his tenure in various capacities in ICAR. He hoped that many more agricultural scientists will get these awards in the years to come. Dr PK Singh, Registrar, PPV&FRA, New Delhi, Dr. Satish Kumar, President, AP Seedsmen association, and Dr. Venkat Reddy,

Secretary, AP Seedsmen association, Hyderabad also graced the occasion. Dr. M Elangovan presented vote of thanks.

Review cum planning meeting of the NFBSFARA project

A review cum planning meeting of the NFBSFARA funded project 'Studies on sucrose accumulation for efficient ethanol production' was held at DSR on 26 March, 2011. The Advisory committee for this project nominated by the empowerment committee of the Council: Dr. S. Bala Ravi, former ADG (IPR-



Deliberations in progress during the meeting

ICAR) (Chairman) and Dr. S. Solomon, Principal Scientist, Biochemistry, IISR, Lucknow (expert member). Dr. A Bandyopadhyay, National Coordinator- NFBSFARA (Member); Dr. JV Patil, Director DSR (Member) and CV Ratnavathi, PI (Member Secretary). On this occasion Dr. JV Patil, Director, DSR welcomed the dignitaries and chaired for technical session. Dr. CV Ratnavathi presented the technical details to the committee and the technical programme for the next 6 months was finalized.

Committee meeting for deciding norms for varietal / hybrid releases

On the direction of the Director, DSR, a meeting was convened to frame criteria for promoting varieties and hybrids from initial to advanced trials at DSR, Hyderabad on 4 March, 2011. The following members attended the meeting: Dr. S Audi—lakshmi (Chairperson); Dr. BS Rana, Dr. Y Yogeshwar Rao, Dr. C Ramakrishna (outside experts), Dr. BD Biradar and Dr. Prabhakar (Plant Breeding), Dr. SS Rao, (Physiology), Dr. JS Mishra (Agronomy), Dr. VR Bhagwat (Entomology), Dr. Rajendra Chapke (FLD), Dr. IK Das (Pathology), Dr. AV Umakanth (Dual-purpose & Sweet sorghums) and Dr. Vilas A Tonapi (Member secretary). After relevant discussions and deliberations, committee members suggested that ICAR guide lines for

varietal identification and release need to be kept in



Dr. S Audilaxmi making a point during the meeting

mind for promotion of entries. Specific criteria were also suggested for promotion of entries in AICSIP trials. The complete proceedings of the meeting will be made available soon in our website.

Sorghum food kiosks at New Delhi

Sorghum food kiosks were organized as a part of promotional activity for creating awareness on sorghum foods at NAFED bazaars located at Krishi Bhavan, GTB Hospital, and Ashram Chowk in New Delhi between 28 Feb - 8 Mar, 2011. These shows are aimed to create awareness about sorghum health benefits to the public and enhance the commercial value for millet products. In these stalls DSR displayed samples of processed sorghum food products. A large number of visitors encompassing ADGs, Directors, scientists, Doctors, nurses, dietitians and students visited the stalls. They expressed their happiness to get this opportunity to interact and learn more about the health benefits that can be derived from sorghum foods. This exhibition was organized under the leadership of Dr. B Dayakar Rao, CPI of Millet-Value Chain project and was coordinated by Mrs. AD Vishala, Technical Officer, DSR.

Recognitions

The research project on 'Studying the therapeutic properties and establishing sorghum as functional food' 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 funding is to the tune of Rs. 74.96 lakhs for 5 years period with a cooperating centre at Osmania University, Hyderabad, where Dr. R. Karuna, Assistant professor, is CCPI. Dr. C. Aruna, Senior scientist is an associate.



Dr. SS Rao, Pr. Scientist has invited as member for

the section committee to recruit Subject Matter Specialists by Krishi Vignan Kendra (KVK) at Jammikunta in Karimnagar District of AP. This KVK is sponsored by ICAR also actively involved in technology transfer of sweet sorghum for diversified uses.



Dr. IK Das, Senior I Scientist has been identified as one of the Associate Editor to review articles on pathology in the famous pathology journal - "Indian Phyto-pathology" published from New Delhi.

Invited lecture delivered

Dr. B. Venkatesh Bhat delivered an invited lecture on "Apomixis in sorghum and forage crops" in the National Training Programme on Apomixis in Horticultural Crops, arranged by the Indian Institute of Horticultural Research, Hesarghatta, Bangalore on 15 March, 2011

Dr. Vilas A Tonapi delivered invited and inaugural lecture on "Vibrant seed industries in India" at Barwale foundation, Hyderabad during the training programme on seed production for seed industry. **Dr. N Kannababu** also delivered a lecture on "Sorghum Seed production" in the same training programme.

Transfer

Mr. NVRN Murty, AFAO, DSR transferred to NBSS&LUP, NAGPUR as FAO and relieved from his duties at DSR on 5 March, 2011



Visitors

Farmers

Twenty two farmers led by Dr. Niraj Kumar, Scientist (Plant Breeding) along with 3 other faculty members from Birsa Agriculture University, Ranchi, Bihar visited DSR on 5 March, 2011. DSR scientists Dr. JM Misra, VR Bhagwat, and RR Chapke organized an Interaction session with the farmers and clarified farmers' queries on sorghum production and technology. A feature on sorghum production and technology was also screened. This visit was coordinated by Mr. Pramod Kumar.

Students

Twenty six final year B.Sc (Ag) students along with

Associate Professor from College of Agriculture under Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola visited DSR on 3 March, 2011 as a part of their all-India study tour. They were briefed about the research activities at the institute and preparation of value-added products and health foods from sorghum. A feature film on DSR activities



Dr. SV Rao, Director Incharge, interacting with students from PDKV, Parbhani

and sweet sorghum cultivation was also screened for them. This visit at DSR was coordinated by Dr. VR Bhagwat and Mr. Pramod Kumar.

Twelve farmers including 5 women farmers under the leadership of Mr. PMA Khan, Mandal Agricultural Officer, Nandyal, Kurnool district of AP visited DSR on 15 March, 2011. The scientists at DSR Drs B Subbarayudu, RR Chapke and Mr. Pramod Kumar



Package of practices in sorghum being explained to farmers

interacted with them. They learnt about the new cultivars, management of sorghum diseases, and package of practices to be followed for getting higher yields, and the value-added products of sorghum and avenues for their marketing.

Trainees

Twelve trainees of State Agriculture Management & Training Institute (SAMETI) at Malakpet, Hyderabad visited DSR on 25 March, 2011. The team was led by Ms. A Parvathi, ADA. The trainees were told about the research activities and the importance of sorghum as health and nutritious food. Relevant literature was

provided to them. They also visited food processing lab



Recipes of novel sorghum foods being explained to farm women

at DSR. This visit was coordinated by Dr. RR Chapke, Scientist, Ms. Sailaja, RA (NAIP) and Mr. Pramod Kumar, TO at DSR.

Superannuation

G Sattaiah, T-I-3 (Driver), superannuated on 31 March, 2011 after his long service to the institute. The staff recreation club presented a memento to



Shri. G Sattaiah being felicitated on his superannuation

him. Dr. JV Patil, Director also spoke on this occasion. The staff wished him a happy and healthy retired life.

राजभाषा कार्यान्वयन समिति की बैठक :

राजभाषा कार्यान्वयन संबंधी विभिन्न विषयों पर विचार-विमर्श हेतु डॉ जे वी पाटील, निदेशक की अध्यक्षता में 28 मार्च 2011 को रा.का.स. की बैठक का आयोजन किया गया । बैठक में डॉ जे एस मिश्र, प्रभारी अधिकारी-हिंदी कक्ष (उपाध्यक्ष), श्री जी कृष्णा, प्रशासनिक अधिकारी, श्री डब्ल्यू एस भट्ट, सहायक प्रशासनिक अधिकारी (स्थापना), एवं प्रभारी, वित्त अनुभाग, डॉ. मोनिका दलाल, प्रभारी अधिकारी-पुस्तकालय, श्री पी मुकेश, प्रभारी अधिकारी-कृ.अनु.सूतं. डॉ. राघवेन्द्र राव, प्रभारी अधिकारी-तकनीकी कक्ष (सदस्य) तथा डॉ. महेश कुमार, हिंदी अनुवादक (सदस्य-सचिव) उपस्थित थे ।

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

| S. No | Name of the Official | Participated in | Type | Venue | Dates |
|-------|-------------------------------------|--|------|--------------------------------|-------------------|
| 1 | JV Patil | Presentations on XII Plan to DG, ICAR along with RAC Chairman | M | ICAR, New Delhi | 1 Mar, 2011 |
| 2 | M Elangovan | Workshop cum Annual meeting on "Zonal Technology Management & Business Planning and Development" | W | CIFT, Kochi | 2-7 Mar, 2011 |
| 3 | Vilas A. Tonapi | Training on "Seed production and quality control" | T | Bharwale foundation, Hyderabad | 8 Mar, 2011 |
| 4 | SS Rao, JS Mishra & P Sanjana Reddy | Training program on " Data Analysis Using SAS" | T | NAARM, Hyderabad | 21 - 26 Mar, 2011 |
| 5 | Mahesh Kumar | Hindi Seminar on "Vartaman Sandarbh Mein Hindi Aur Rajbhasha" Organised by Dept. of Hindi, University of Hyderabad | S | University of Hyderabad | 28-29 Mar, 2011 |

Official Tours

| S. No | Name of the Official | Place Visited | Dates | Purpose |
|-------|--|--------------------------|---------------------|--|
| 1 | Vishala Devender | Krishi Bhavan, New Delhi | 27 Feb -8 Mar, 2011 | To organize sorghum food stalls |
| 2 | Vilas A. Tonapi | UAS, Dharwad | 1-3 Mar, 2011 | Preparatory meetings of 41 st AGM of AIC-SIP |
| 3 | JV Patil, B Subbarayudu, JS Mishra & RR Chapke | Repalle | 11-12 Mar, 2011 | Rice fallow sorghum Farmers' meet at Repalle and Nallapadu villages in Guntur Dist, AP |
| 4 | Vilas A. Tonapi | New Delhi | 11 Mar, 2011 | Breeder Seed allocation meeting |
| 5 | HS Talwar | New Delhi | 11 Mar, 2011 | Attended meeting regarding RDF |
| 6 | K Ravindra Babu | CRS, Solapur | 14-17 Mar, 2011 | Harvesting of IPM trials and record of seed weight |
| 7 | B Venkatesh Bhat | IIHR, Bangalore | 15 Mar, 2011 | To deliver an invited lecture |
| 8 | Vilas A Tonapi | Nizamabad | 18-19 Mar, 2011 | To monitor forage seed plots |
| 9 | JV Patil & Vilas A Tonapi | UAS, Dharwad | 24-25 Mar, 2011 | Preparatory meetings with VC on 41 st AGM of AICSIP |

AGM 11 planned at Dharwad

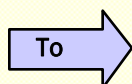
UAS, Dharwad has invited us to conduct 41 st Annual Sorghum Group Meetings to be held at College of Agriculture, Dharwad from 15th April to 17 April, 2011. About 200 participants including those from ICAR, SAU's, ICRI-SAT, NGO's, State seed corporation agencies, private sector and the host university are expected to attend this meet, for which the preparations are going on briskly.

Thought for the month

Develop a passion for learning. If you do, you will never cease to grow.

Anthony J. D'Angelo

Printed Matter / Book Post



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