



ज्वार अनुसंधान निदेशालय

Directorate of Sorghum Research

घटनाक्रम तथा समाचार Happenings & News



Serial No. 103

Hyderabad ■ Solapur ■ Jalna

April, 2012

In this issue.....

1. 42nd Annual sorghum group meeting at Pantnagar
2. Memorandum of Agreement
3. Monitoring of field trial of sorghum Bt transgenics
4. Sh. Sujit Mitra visits DSR
5. Sorghum hybrids identified for release
6. New Publications
7. Visitors
8. Karyalay deep puraskar
9. Meetings / Workshop / Conference attended

42nd Annual sorghum group meeting at Pantnagar

The 42nd Annual Group Meeting of the All India Coordinated Sorghum Improvement Project was held at GB Pant University of Agriculture and Technology, Pantnagar during 28-30 April, 2012. The group meeting was chaired by Dr. SK Datta, DDG (CS). Hon'ble Shri. Mantri Prasad Naithani, Agriculture Minister, Uttarakhand was the Chief Guest. The other dignitaries on the dias were: Hon'ble Shri. HC Durgapal, Minister of Labour and employment, Uttarakhand,



Hon'ble Shri. Mantri Prasad Naithani, Agriculture Minister (above) and Dr. SK Datta, DDG (CS) (below) addressing the delegates of AGM at Pantnagar

Dr. BS Bisht, VC, GBPUA&T, Pantnagar, Dr. JV Patil, Director, DSR, Dr. JP Pandey, Director-Experiment station and Dr. J Kumar, Dean of College of Agriculture. A total of 200 participants from AICSIP centres, DSR, ICRISAT, private seed

समाचार सारांश

पंतनगर में ज्वार समूह की 42वीं वार्षिक बैठक : गोविन्द बल्लभ पंत कृषि एवं प्रौद्योगिकी विश्वविद्यालय, पंतनगर में 28-30 अप्रैल 2012 के दौरान अखिल भारतीय समन्वित ज्वार उन्नयन परियोजना की 42वीं वार्षिक सामूहिक बैठक संपन्न हुई। डॉ. एस के दत्ता, उप महानिदेशक (फसल विज्ञान), भाकृअनुप ने उक्त बैठक की अध्यक्षता की तथा श्री मंत्री प्रसाद नैथानी, माननीय कृषि मंत्री, उत्तराखंड मुख्य अतिथि के रूप में उपस्थित थे। इसके अलावा अन्य गणमान्य व्यक्ति श्री एच सी दुर्गापाल, माननीय श्रम एवं रोजगार मंत्री, उत्तराखंड, डॉ. बी एस बिष्ट, कुलपति, गो.ब.प.कृ.प्रौ.वि.वि., पंतनगर, डॉ. जे वी पाटील, निदेशक, ज्वा.अनु.नि., डॉ. जे पी पाण्डेय, निदेशक-प्रायोगिक केंद्र, डॉ. जे कुमार, अध्यक्ष, कृषि महाविद्यालय भी मंच पर उपस्थित थे। उक्त बैठक में अ.भा.स.ज्वा.उ.प. केंद्रों, ज्वार अनुसंधान निदेशालय, इक्रिसेट, निजी बीज उद्योग तथा गैर-सरकारी संगठनों से कुल 200 सहभागियों ने भाग लिया।

डॉ. जे वी पाटील ने अ.भा.स.ज्वा.उ.प. के अंतर्गत किए जा रहे कार्यों का मूल्यांकन किया तथा भाकृअनुप द्वारा अभासज्वाउप के माध्यम से देश के बारानी क्षेत्रों में ज्वार की खेती करने वाले न्यून संसाधन संपन्न गरीब कृषकों के लिए श्रेष्ठ संकर, किस्में तथा प्रौद्योगिकियाँ उपलब्ध करवाने हेतु ज्वार अनुसंधानों के प्रयासों का ब्यौरा प्रस्तुत किया। डॉ. एस के दत्ता ने बताया कि ज्वार उत्पादों को बाजार में पेश करने की अत्यधिक संभावनाएं हैं।

श्री मंत्री प्रसाद नैथानी, कृषि मंत्री ने कहा कि चारे व पशु-आहार की बढ़ती हुई मांग के देखते हुए यह आवश्यक है कि चारे हेतु ज्वार की गुणवत्ता व पैदावार बढ़ाने के लिए शीघ्र अनुसंधान किए जाएं। विभिन्न विषय के दल-प्रमुखों ने अपने-अपने विषयों में हुई प्रगति पर रिपोर्ट प्रस्तुत की। बैठक संबंधी सभी व्यवस्थाओं का कार्यभार डॉ. पी के श्रोतिया, वरिष्ठ ज्वार प्रजनक के नेतृत्व में गो.ब.प.कृ.प्रौ.वि.वि. के कार्यदल ने संभाला। निदेशालय से डॉ. वी आर भागवत तथा सुजय रक्षित नोडल अधिकारी के रूप में कार्यरत थे।

आगंतुक

रा.कृ.अनु.प्र.अ. से प्रशिक्षार्थी : रा.कृ.अनु.प्र.अ., हैदराबाद में प्रशिक्षण हेतु भारतभर से आए 24 प्रशिक्षार्थियों के दल - अधिकतर प्रशासनिक अधिकारी, वित्त एवं लेखा अधिकारी ने 2 अप्रैल 2012 को निदेशालय का दौरा किया।

गुंटुर जिले से कृषक समूह : आंध्र प्रदेश के गुंटुर जिले से श्री हबीब बाशा, सहायक निदेशक कृषि व 3 अन्य स्टाफ सदस्यों के साथ 40 कृषकों के दल ने 11 अप्रैल 2012 को निदेशालय का दौरा किया।

समझौता जापान : नए चारा ज्वार संकर, सीएसएच 24 (एमएफ) के लिए 4 अप्रैल 2012 को ज्वार अनुसंधान निदेशालय तथा एयी नोवा सीड्स, जिडिमेट्ला की ओर से क्रमशः डॉ. जे वी पाटील, निदेशक तथा श्री पी रामरेड्डी ने समझौते जापान पर हस्ताक्षर किए।

ज्वार बीटी पराजीनी प्रक्षेत्र परीक्षणों की निगरानी : जैवप्रौद्योगिकी विभाग, नई दिल्ली द्वारा गठित निगरानी दल ने 11 अप्रैल 2012 को तिलहन अनुसंधान निदेशालय, हैदराबाद के अनुसंधान प्रक्षेत्र में रबी 2011-12 के दौरान तना छेदक प्रतिरोध हेतु विकसित ज्वार बीटी पराजीनी के कॉन्फाईंड प्रक्षेत्र परीक्षणों का निरीक्षण किया।

सारानुवाद : डॉ. महेश कुमार



Novel food products of sorghum being appreciated by the Hon'ble Shri. Mantri Prasad Naithani, Agriculture Minister and Hon'ble Shri. HC Durgapal, Minister of Labour and employment, Uttarakhand.

industry, and non-governmental organizations participated in this annual group meeting.

Dr. JV Patil appraised the audience on the progress of AICSIP and explained the efforts of sorghum researchers for delivering excellent hybrids, varieties and the technologies for the sorghum growing resource-poor farmers in the dryland regions of the country through the technology developed by the All-India programme sponsored by the ICAR. Dr. SK Datta suggested that there is immense scope for marketability of sorghum products. He also advised sorghum researchers to pay attention to enhance sorghum utilization as health food and cattle and poultry feed and as raw material for many industries besides the basic research.

Shri. Mantri Prasad Naithani, Agriculture Minister, said that for realizing the increasing demand for fodder and feed, there is an urgent need for initiating research to improve quality and yield of sorghum for forage. Progress in various disciplines was presented by the concerned leaders of each team. Centre-wise progress reports were thoroughly discussed.

The GBPUA&T team led by Dr PK Shrotria, Senior Sorghum Breeder made all arrangements for the meeting. Dr. Sujay Rakshit and VR Bhagwat served as the nodal officers from DSR. The copies of complete proceedings of this annual group meeting are being dispatched separately and e-copy will be placed at our website after the proceedings are approved by the council.

Licensing of forage sorghum hybrid

DSR has signed Memorandum of Agreement (MoA) with the Agri Nova Seeds, Jeedimetla for Licensing and seed



The MoA Agri Nova Seeds, Jeedimetla for the new forage sorghum hybrid CSH 24 (MF) on 4 April 2012

production of the new forage sorghum hybrid CSH 24 MF on 4 April 2012. The company will promote the hybrid in the country with DSR & ICAR logo. Dr JV Patil, Director, DSR and Sri P Rama Reddy, Agri Nova Seeds signed the agreement. The agreement was felicitated by the ITMU of DSR. Dr M Elangovan, Nodal Officer, IP&TM and Sri Rajendra Prasad were present during the occasion.

Monitoring of field trial of sorghum Bt transgenics

Monitoring team constituted by DBT, New Delhi visited DSR on 11 April, 2012 to inspect the confined field trial (BRL-1) of sorghum Bt transgenics developed for stem borer resistance. The trial was conducted during Rabi, 2011-12 at the Research farm of Directorate of Oilseed Research, Rajendranagar, Hyderabad. The Monitoring Team was comprising of the team leader Dr. Vilas A Tonapi, Head, Seed Science & Technology, IARI, New Delhi and other members were: Dr. Amit Parikh, Scientist, DBT, New Delhi, Dr. MA Raoof, Principal Scientist, Directorate of Oilseed Research, Hyderabad, Dr. MV Nagesh Kumar, Sorghum Breeder, and Dr. K Kavitha, Sorghum Entomologist, ANGRAU, RARS, Palem and Mr. Narasimha, Deputy Director of Agriculture, Hyderabad. Dr. D Balakrishna, (Scientist - Biotechnology) gave detailed account of the conductance of this trial including precautionary measures taken following the guidelines. Drs. PG Padmaja and B Venkatesh Bhat also participated in this event. The monitoring team expressed their satisfaction in the overall conductance of the trial.

Sh. Sujit Mitra visits DSR

Sh. Sijit K Mitra, Deputy Secretary (CS), ICAR visited DSR on 21 April, 2012. Dr. JV Patil, Director, DSR welcomed him and described the ongoing research, administrative and



Guidelines for the EFC being discussed

developmental activities besides layout of institute's proposed EFC. Dr. Mitra interacted with Sh. T Sridaran, FAO; Sh. W Srinivasa Bhat, SAO I/c; Sh. A Venkateshwara Rao, AAO Store; K. Sanath Kumar, PS and Dr. KV Raghavendra Rao, TO and specified the guidelines to follow while making the EFC. He also reviewed the financial matters and made some suggestion. He further visited the new amenities at Centre of Excellence (value addition to small millets), labs and other facilities at DSR.

Sorghum hybrids identified for release

The Varietal Identification Committee meeting was held at GB Pant University of Agriculture and Technology, Pantnagar on 29 April, 2012 during the 42nd Annual Sorghum Group Meeting at Pantnagar. The committee critically examined 6 proposals and identified following hybrids and varieties for release.

Kharif Hybrids:

SPH 1647 (NSH 54): (*Kharif sorghum hybrid*) developed by Nuziveedu Seeds Private Limited recommended Maharashtra, Karnataka, Madhya Pradesh, South Gujarat and North Andhra Pradesh)

SPH 1648 (MDSH 262): *Kharif sorghum hybrid* developed Mahodaya Hybrid Seeds Private Limited recommended for Maharashtra, Karnataka, Madhya Pradesh, South Gujarat and North Andhra Pradesh

SPH 1655: *Kharif sorghum hybrid* of DSR, recommended for Hyderabad Maharashtra, Karnataka, Madhya Pradesh, South Gujarat and North Andhra Pradesh

Rabi Hybrids:

SPH 1666 (DJ 4005): *Rabi sorghum hybrid* developed by Devgen Seeds and Crop Tech. Pvt. Ltd. Sec. Bad recommended for All India cultivation of in deep soils.

Rabi variety:

SPV 2033: *Rabi sorghum variety* developed at AICSIP, RARS-UAS Bijapur, Recommended for Maharashtra, Karnataka

and Andhra Pradesh for deep soils.

Visitors

Trainees from NAARM

Twenty four trainees from NAARM, Hyderabad, mostly administrative officers, FAOs from across India visited at DSR on 2 April, 2012 to get exposure as a part of their curriculum. The visitors met Sh. T Sridaran and WS Bhat. This team was led by Ms. Anuradha, PA to Registrar, NAARM, Hyderabad.

Farmers from Guntur District

Mr. Habeeb Bhasha, ADA(R), Guntur Dist of AP along with 3 staff members and 40 farmers visited DSR on 11 April, 2012 as a part of their tour to various research organizations in Hyderabad. Dr. SV Rao, explained them about improved kharif and rabi sorghum technology, seed availability and profitability from sorghum. The farmers visited the demonstration plots and food processing lab. Dr. RR Chapke and Mr. Pramod Kumar coordinated this visit.

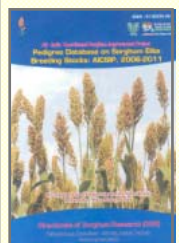
New Publications

During the 42nd Annual Group Meeting of the All India Coordinated Sorghum Improvement Project held at GB Pant University of Agriculture and Technology, Pantnagar the following publications were released by the dignitaries on 29 April, 2012.



Jowar Sourabh (Vol 2) (Hindi)

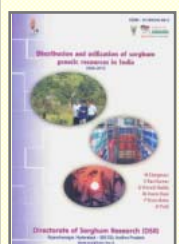
JS Mishra, Mahesh Kumar and VR Bhagwat
Published by : DSR, Hyderabad
No. of Pages : 58



Pedigree database on sorghum elite breeding stock (AICSIP 2006-2011)

M Elangovan, VA Tonapi, S. Rakshit, V Ravi Kumar, M Jhansi Rani, P Kiran Babu and JV Patil

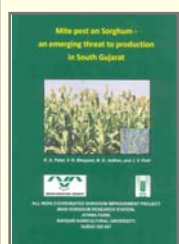
Published by : DSR, Hyderabad
No. of Pages : 72



Distribution and utilization of sorghum genetic resources in India (2008-2012)

M Elangovan, V Ravi Kumar, G. Vincent Reddy, M Jhansi Rani, P Kiran Babu and JV Patil
Published by : DSR, Hyderabad

No. of Pages : 310



Mite pest on sorghum: An emerging threat to production in South Gujarat

Patel KA, VR Bhagwat, BD Jadhav and JV Patil

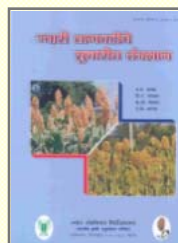
Published by : NAU, Surat
No. of Pages : 38



Rabi Jawar Utpadan ki Unnat Takniki (Hindi)

RR Chapke, JS Mishra, Pramod Kumar and JV Patil

Published by : DSR, Hyderabad
No. of Pages : 12



Jwari Lagwadiche Sudharit Tantrayagan (Marathi)

RR Chapke, VR Bhagwat, SS Gomashe and JV Patil

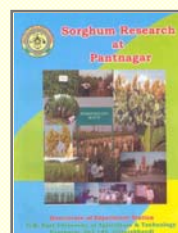
Published by : DSR, Hyderabad
No. of Pages : 12



District-wise sorghum cultivars in India

Chari Appaji, JV Patil, AV Gadewar, MS Raut, Prabhakar, VR Bhagwat and AR Limbhore

Published by : DSR (CRS), Hyderabad
No. of Pages : 54



Sorghum Research at Pantnagar

PK Shrotria, Yogendra Singh and SB Bhardwaj

Published by : GBPAU&T, Pantnagar
No. of Pages : 40



Improved production Technologies for Kharif Sorghum

RR Chapke, JS Mishra, and JV Patil

Published by : DSR, Hyderabad
No. of Pages : 12

ज्वार अनुसंधान निदेशालय को कार्यालय दीप स्मृति चिह्न पुरस्कार



ज्वार अनुसंधान निदेशालय, हैदराबाद में डॉ. जे वी पाटील, निदेशक के मार्गदर्शन में राजभाषा हिंदी के प्रचार-प्रसार हेतु संचालित गतिविधियों की सराहना करते हुए राजभाषा संस्थान, नई दिल्ली की पुरस्कार समिति ने निदेशालय का कार्यालय दीप स्मृति चिह्न पुरस्कार हेतु चयन किया है। आज के बदलते परिवेश में राजभाषा हिंदी विषय पर सोलन, हिमाचल प्रदेश में 25-27 अप्रैल 2012 के दौरान आयोजित संगोष्ठी एवं कार्यशाला के अंतिम दिन 27 अप्रैल 2012 को श्री निशिकांत महाजन, भूतपूर्व संयुक्त सचिव, संसदीय राजभाषा समिति, भारत सरकार के कर-कमलों से निदेशालय के प्रतिनिधि के रूप में डॉ. महेश कुमार ने उक्त कार्यालय दीप स्मृति चिह्न पुरस्कार ग्रहण किया।

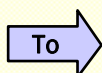
Meetings (M)/ Workshop (W) Conference (C) attended

S. No	Name of the Official	Participated in	Type	Venue	Dates
1	M Elangovan	Annual Group Meeting (ICAR – BSP)	M	Anand Agricultural University (AAU), Anand	14 – 16 April 2012
2	Mahesh Kumar	Workshop on "Aaj ke Badalate Parivesh mein Rajbhasha Hindi" convened by Rajbhasha Sansthan, New Delhi	W	Solan, Himachal Pradesh	25-27 April, 2012

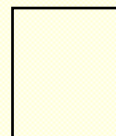
Thought for the month

Don't judge each day by the harvest you reap but by the seeds that you plant.

Robert Louis Stevenson



Printed Matter / Book



Compilation, Editing & Layout :

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

Chief Editor & Publisher:

Dr. JV Patil, Director,
Directorate of Sorghum Research

From:

Directorate of Sorghum Research (DSR)

Hq. Rajendranagar, Hyderabad, 500 030 (AP)
Tel: 040-24015349, 24018651
Fax: 040-24016378
Email: dsrhyd-ap@nic.in
Website: www.sorghum.res.in

Centre on Rabi Sorghum (DSR), NH 9,
Bypass, Shelgi, Solapur - 413 006 (Mah.)
Tel: 0217-2373456
Telefax: 0217-2373456
E mail: raut@sorghum.res.in

Sorghum sub-station, Jalna
Officer-In-Charge
Directorate of Sorghum Research
Post box no 80
Jalna-431 203
E mail: nagesh@sorghum.res.in