



ज्वार अनुसंधान निदेशालय

Directorate of Sorghum Research

घटनाक्रम तथा समाचार Happenings & News



Serial No. 102

Hyderabad ■ Solapur ■ Jalna

March, 2012

In this issue.....

1. Training Programme on Plant Variety Protection and Commercialization
2. Field Day on Sorghum organized for Tribal Farmers
3. Field Day organized in rice-fallows at Nelapadu
4. Training programme on post-harvest technologies of sorghum and millets
5. Sorghum Field Day at Pokhami, Parbhani
6. Honour to Dr. JV Patil and B Subbarayudu
7. Lecture delivered
8. Seminar
9. Superannuation
10. Visitors
11. Official Tours
12. Meetings / Workshop / Conference / attended

Training Programme on Plant Variety Protection and Commercialization

Directorate of Sorghum Research, Hyderabad organized an one-day "Training Programme on Plant Variety Protection and Commercialization" on 21 March, 2012 at the DSR Conference



Hall, Hyderabad to create awareness on Plant Variety Protection and the importance of DUS Testing under the sponsorship of the PPV&FRA. It was organized to benefit mainly Scientists from seed industry who are actively engaged in research and development activities of various crops in the country and research students, RAs, SRFs, Technical officials, M.Sc., & Ph.D. Students from ANGRAU. The training was attended by 100 delegates representing the cross-section of the major private and public sector seed companies, ICAR institutes, Seed corporations, Seed Growers, and ANGRAU. Dr. Vilas A Tonapi, Head, Division of Seed Science and technology, IARI, New Delhi was the Chief Guest and inaugurated this programme in presence of Dr. AR Ranganatha, Project Coordinator (AICRP on Sesame & Niger), Jabalpur (Guest of Honour) Dr. Augustine Jerard, Sr. Scientist, CPCRI, Kasargod and Dr. JV Patil, Director, DSR. On this occasion a training manual entitled "Plant Variety Protection and Commercialization" was collectively released by the dignitaries. The participants appraised about the significance of the Plant Variety Protection, guidelines to conduct DUS test for various crops and process of filling the PVP

समाचार सारांश

पादप किस्म संरक्षण तथा व्यावसायीकरण पर प्रशिक्षण कार्यक्रम : ज्वार अनुसंधान निदेशालय, हैदराबाद ने पादप किस्म संरक्षण के संबंध में जागरूकता पैदा करने तथा इस (DUS) परीक्षण का महत्व बताने के उद्देश्य से पादप किस्म एवं कृषक अधिकार संरक्षण अधिनियम के प्रायोजन से अपने सम्मेलन भवन में 21 मार्च 2012 को पादप किस्म संरक्षण तथा व्यावसायीकरण पर एकदिवसीय प्रशिक्षण कार्यक्रम का आयोजन किया। इस कार्यक्रम से विभिन्न संस्थानों के 100 प्रतिनिधियों ने भाग लिया।

जनजातीय कृषकों हेतु ज्वार पर प्रक्षेत्र दिवस : ज्वार अनुसंधान निदेशालय ने जनजातीय उप-परियोजना (TSP) के अंतर्गत 5 मार्च 2012 को वरंगल, आंध्र प्रदेश में प्रक्षेत्र दिवस का आयोजन किया। इस कार्यक्रम का प्रमुख उद्देश्य जनजातीय कृषकों में उन्नत ज्वार उत्पादन प्रौद्योगिकियों को अपनाने हेतु जागरूकता पैदा करना तथा उनके समाजाधिकी स्तर में सुधार हेतु उन्हें ज्यादा लाभप्रदता प्रदान करवाना था।

नेल्लपाडु ग्राम के धान-परती क्षेत्र में प्रक्षेत्र दिवस : निदेशालय ने गुंटुर जिले के नेल्लपाडु व एटानगर ग्राम में 12 मार्च 2012 को धान परती में ज्वार परीक्षणों का प्रदर्शन किया तथा प्रक्षेत्र दिवस का आयोजन किया। इस कार्यक्रम में चार गांवों से लगभग 110 कृषकों ने भाग लिया।

ज्वार/कदन्न की फसलोपरांत प्रौद्योगिकी पर प्रशिक्षण कार्यक्रम : निदेशालय द्वारा कृषि एवं सहकारिता विभाग के सहयोग से कदन्न के गहन संवर्धन के माध्यम से पोषण सुरक्षा हेतु पहल नामक परियोजना के अंतर्गत आंध्र प्रदेश के कृषि विज्ञान केंद्रों के पदाधिकारियों के लिए 20-21 जनवरी 2012 को ज्वार व अन्य कदन्न की फसलोपरांत प्रौद्योगिकियों पर दो दिवसीय प्रशिक्षण कार्यक्रम का आयोजन किया गया।

पोखरणी, परभणी में ज्वार प्रक्षेत्र दिवस : ज्वार अनुसंधान निदेशालय ने आई.टी.सी. के साथ 20 मार्च 2012 को परभणी में ज्वार उत्पादन प्रौद्योगिकी पर एक कृषक सभा का आयोजन किया। उक्त कार्यक्रम में 400 से अधिक कृषकों एवं अन्य स्टाफ सदस्यों ने भाग लिया।

डॉ. जे वी पाटील तथा डॉ. बी सुब्बारायुडु का सम्मान : गुंटुर जिले के धान-परती में ज्वार को प्रोत्साहन प्रदान करने तथा वहां के कृषकों को नवीन उत्पादन प्रौद्योगिकियों से अवगत कराने के लिए कृषक कल्याण समुदाय तथा रैतु मित्र समूह ने डॉ. जे वी पाटील, निदेशक तथा डॉ. बी सुब्बारायुडु, वरिष्ठ वैज्ञानिक, ज्वा.अनु.नि. को सम्मान प्रदान किया। निदेशालय द्वारा अतोटा ग्राम में 13 मार्च 2012 को आयोजित कृषक दिवस के अवसर पर गुंटुर जिले के संयुक्त निदेशक कृषि ने उक्त अधिकारियों को स्मृति चिह्न व प्रशस्ति पत्र प्रदान किए।

डॉ. बी वेंकटेश भट्ट द्वारा ज्वार में असंगजनन पर व्याख्यान : डॉ. बी वेंकटेश भट्ट, वरिष्ठ वैज्ञानिक ने हाल ही में रा.कृ.न.प. के मानव संसाधन विकास कार्यक्रम के अंतर्गत प्रशिक्षण कार्यक्रम में भाग लेने हेतु उटाह स्टेट यूनिवर्सिटी, लोगन, उटाह, यू.एस.ए. का दौरा किया। डॉ. भट्ट ने वहां प्राप्त प्रशिक्षण के आधार पर एपोमिक्सिस रिसर्च इन सोरघम एंड ओएचरा स्पिसियेस पर लघु व्याख्यान दिया।

सेवानिवृत्त : श्री एम अंजय्या, (टी-1-3) तथा श्री आर प्रकाश, (टी-1-3) अधिवर्षिता पर 31 मार्च 2012 को निदेशालय की सेवाओं से मुक्त किए गए। निदेशालय परिवार उनके खुशहाल जीवन की कामना करता है।

हिंदी सारानुवाद : डॉ. महेश कुमार



forms. Drs. M Elangovan and AV Umakanth, of DSR were the course coordinators and organized this event successfully.

Field Day on Sorghum organized for Tribal Farmers

Directorate of Sorghum Research (DSR), Hyderabad organized a field day under tribal sub plan (TSP) on March 5, 2012 at Warangal of Andhra Pradesh. The main objective of the programme was to create awareness and build-up confidence to adopt improved sorghum production technologies and thereby increasing the profitability of agriculture for socio-economic upliftment of the tribal farmers. Around 105 sorghum farmers of this area attended the programme. Dr. SV Rao, Principal Scientist, DSR welcomed all



the participants and gave orientation about improved sorghum cultivation, and role of DSR for increasing the benefits from sorghum cultivation. Sh. Ashok Reddy, Ex-Principal Scientist was the special invitee to the programme. The programme started with the field visits to demonstration plot at OSN, Warangal where they observed the performance of rabi varieties (*Phule Yashoda*, *Phule Chitra*, *Phule Revati*, *Phule Amruta*, etc) was demonstrated. The farmers were impressed with the performance of sorghum variety having big size panicles and juicy stem compared to their local. There was technical session following the field visit in which DSR scientists namely; Drs. SV Rao, JS Mishra, AV Umakanth, K Srinivas Babu and RR Chapke, DSR, Hyderabad and Mr. Ashok Reddy from Warangal addressed the gathering on sorghum production in the region and alternative uses of sorghum emphasizing its health advantages. At the end the farmers visited the exhibition stall and shown keen interest about preparation of different sorghum food products and its marketing. This programme was organized by Drs. SV Rao and AV Umakanth in coordination with Mr. Mahesh Kumar, contractor, Warangal.

Field Day organized in rice-fallows at Nelapadu

Sorghum demonstration trials in rice-fallows conducted at Nelapadu and Aitanagar village of Guntur district was visited on 12 March 2012. The programme was started with field visit to the CSH 16 demonstration trials. About 110 farmers from four different village's viz., Nellapadu, Aitanagar, Nandivelugu and Athota participated and it was organized by Dr. M Elangovan, Sr. Scientist, DSR. After the field visit, technical session was conducted at Nelapadu village. Dr. JV Patil, Director, DSR emphasized the use sorghum stocks as animal fodder. It is highly nutritious than the paddy straw which is being used by them. If it is

not required as fodder, it should be incorporated in soil with help of rotavator machine which helps to add carbon in the soils and maintain its fertility. He assured them all supports for sorghum development in rice-fallows area by providing promising technologies and introduction of mechanization where ever possible. Drs. BS Rayudu and JS Mishra also addressed the group. Progressive farmers were actively interacted with DSR scientists on different aspects of sorghum developments.

Training programme on post-harvest technologies of sorghum and millets

A two-day training programme on Post harvest technologies of Sorghum and other millets under INSIMP was organized at DSR, Hyderabad during 20-21 March, 2012 in collaboration with DAC. This training programme was organized exclusively for the officials of KVKs from Andhra Pradesh and was attended by more than 40 delegates. It was inaugurated by the chief guest Dr. SL Goswamy, Director, NAARM. Dr. SV Rao, Director in-charge, DSR in his welcome address explained the importance of the millets to usher food and national security in India. Mr. Thomas Nicodemus, Former Instrument technician, ICRISAT organized the Demonstrations with the help of Mrs. Vishala Devender and Ms. Niharika. Drs. RG Math, (from CFTRI), TV Hymavathy, (from ANGRAU), Rajendra Prasad, (from NIN) and KS Varaprasad, Director, DOR also addressed the trainees. The valedictory address was given by the chief guest Smt. V Usha Rani, IAS, Commissioner of Agriculture, Govt of AP. Dr. JV Patil, Director, DSR distributed the certificates to the participants. Dr. B Dayakar Rao, Mr. P Mukesh, Mrs. Vishala Devender and Dr. JV Patil were the course coordinators.

Sorghum Field Day at Pokharni, Parbhani

Directorate of Sorghum Research organized a "Farmer's meet on sorghum production technology", along with ITC Pvt. Ltd. at Parbhani on 20 March, 2012. More than 400 farmers and other staff members participated in this programme. Dr. JV Patil, Director, DSR addressed the farmers and explained about the new cultivars suitable for the region, management of sorghum diseases, package of practices to be followed for getting higher yields, and the importance of sorghum as health and nutritious food. Seed samples of recently developed sorghum varieties and hybrids along with sorghum food products were displayed in the stall. Dr. C Sashidhar Reddy and Mr. Pramod kumar enlightened the farmers on acceptability of sorghum products as health foods in urban areas.

Honour to Dr. JV Patil and B Subbarayudu

Dr. JV Patil, Director and Dr. B Subbarayudu, Senior Scientist of DSR were felicitated by the Farmers welfare societies and Rytu Mitra Groups of Guntur District in recognition of their contribution towards the popularization of sorghum in rice-fallows in Guntur district and propagation of production technologies to the farmers. They received a memento and citation as outstanding scientists through the Joint Director of Agriculture, Guntur District. These awards were presented at Attota village of Guntur during the Farmers Day organized by DSR on 13 March, 2012.

Lecture delivered

Dr. KBRS Visarada, Principal Scientist, DSR delivered a special lecture on the topic entitled "Transgenic Bt sorghum" at DSR on 7 March, 2012 for the 25 participants of ICAR sponsored training course on "Integrated Nutrient, Pest and Disease Management in Dryland Crops". This training was organized by CRIDA, Hyderabad during February 28- March 12, 2012 for the subject matter specialists & extension functionaries from line departments like State Dept. of Agriculture/Horticulture/Animal Husbandry/Rural Development/ITDA/KVKs and NGOs.

Seminar

B Venkatesh Bhat, Sr. Scientist, DSR recently visited Utah State University, Logan, Utah, USA, on a training award from the HRD

program of NAIP for 3 months (6 Nov, 2011 to 3 Feb, 2012). He was under the mentorship of Prof. John Carman, Department of



Plant, Soil and Climate. Dr. Bhat explained in brief on the subject of the research work carried out at Utah University and training received on apomixis research in sorghum and *Boecheera* species.

Superannuation

Sh. M Anjaiah (T-I-3) and Sh. R Prakash (T-I-3), who served the institute in the capacity of various technical positions,



superannuated on 31 March, 2012. Mementoes from staff recreation club were presented by the Director. Staff of DSR wishes them a very happy and healthy retired life.

Visitors

Farmers from Jalna District

Mr. Satish Kumar, Extension Officer of KVK, CRIDA, along with 15 farmers from Jalna district visited DSR on 2 March, 2012 as a part of their visit to various research organizations in Hyderabad under their training programme organized at CRIDA, Hyderabad. Dr. RR Chapke 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.

Farmers from Guntur

Fifty participants from ATMA, Guntur visited DSR on 7 March, 2012 to get exposure about the sorghum research and developments, as a part of their curriculum. Drs. RR Chapke and B

Subbarayudu briefed them on the institute's research activities and sorghum scenario. They also visited the laboratories. Relevant literature was provided on latest improved technologies and different sorghum food products. The team was led by Mr. B Srikrishnadevarayudu, MAO, Mangalagiri, Guntur Dist.

Trainees from CRIDA

Twenty one trainees from CRIDA, Hyderabad, mostly agricultural officers from across India visited at DSR on 7 March, 2012 to get exposure about the activities related with sorghum seed research,



as a part of their curriculum. The visit was arranged by Dr. KBRS Visarada in coordination with Dr. Mr. B Danunjaya, Technical Officer, CRIDA, Hyderabad.

Farmers from Beed, Maharashtra

Ten farmers from Beed district of Maharashtra led by Dr. Rathode, technical Officer, Department of Agriculture, Beed, visited DSR on 12 March, 2012. The purpose of the visit was to expose them to new technological innovations, farm management, and other issues in agriculture. The group also visited food lab. Dr. VR Bhagwat briefed the visitors about ongoing research activities, package of practices for production and protection.

Agri. Students from Kerala

A total of 54 students from College of Agriculture, Kasargod, Kerala under the leadership of Dr. B Ramesh and three other teaching faculty have visited DSR on 12 March, 2012, as a part of their educational tour. Dr. Hariprasanna narrated the research and other activities at DSR. This was followed by screening on package



of practices to be followed for cultivation of sorghum and sweet sorghum.

M.Sc., Students from Ahmednagar

Thirteen M. Sc. (Botany) students from College of Agriculture, Ahmednagar, Maharashtra visited DSR on 15 March, 2012, as a part of their educational tour. The group was led by Dr. SR Bale, Asst. Prof. In Botany. They were briefed about the research activities at the institute and preparation of value-added products and health foods from sorghum.

They also visited various laboratories. Relevant literature was also provided on latest improved technologies and different sorghum food products. Dr. C Aruna Reddy, Sr. Scientist coordinated this visit.

sors under the leadership of Mr. Dr. RV Chavan, Asst. Professor, from Agriculture College located at Osmanabad, Maharashtra visited DSR on 30 March, 2012 as a part of their all-India study tour. They were briefed about the research activities at the insti-

Farmers from East Godavari Dist, AP

A group of 36 trainee farmers from KVK, Rayavaram mandal, East Godavari District visited the DSR on 20 March, 2012 to get detailed know-how about the sorghum crop and its usefulness. Drs. SV Rao and VR Bhagwat gave orientation about the latest production technologies developed at the institute. The team was led by Sh. B Suresh Kumar, Mandal Agricultural Officer, Rayavaram.



B.Sc.,(Agri) Students from Osmanabad

Eighteen final year B.Sc (Ag) students and two Associate Profes-

sors visited DSR on 30 March, 2012 as a part of their all-India study tour. They were briefed about the research activities at the insti-

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

S. No	Name of the Official	Participated in	Type	Venue	Dates
1	M Elangovan	Seed Review meeting	M	NASC New Delhi	28-29 March, 2012

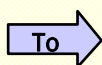
Official Tours

S. No	Name of the Official	Place Visited	Dates	Purpose
1	SV Rao, AV Umakanth, M Elangovan, JS Misra, RR Chapke, TG Nageswar Rao, K Srinivas Babu & HS Gawali,	Research station at Warangal	5 Mar, 2012	To organize Farmers Day
2	JV Patil, M Elangovan, B Subbarayudu, SN Mishra, RR Chapke & Pramod Kumar	Nelapadu village, Guntur Dist.	12-13 Mar, 2012	To organize Farmers Day
3	JV Patil, C Sashidhar Reddy, and Pramod Kumar	Pokharni, Parbhani	20 Mar, 2012	To participate in the group meeting on NAI P sub project on millet value chain organized by the ITC.
4	Pramod Kumar	Tenali	26-28 March, 2012	Collect sorghum samples from Farmer's fields.
5	Sujay Rakshit	New Delhi & Pantnagar	17-25 March, 2012	Preparatory meetings of 41 st AGM of AICSIIP

Thought for the month

If you do not hope, you will not find what is beyond your hopes.

St. Clement of Alexandria



Printed Matter / Book



Compilation, Editing & Layout :

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