



Happenings at DSR, and AICSIP news

ज्वा अनु नि
DSR

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Hyderabad ■ Solapur ■ Jalna

April, 2010

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Interactive learning workshop on "Protection of Plant Varieties in India"

Interactive learning workshop on "Protection of Plant Varieties in India" was organized by DSR Hyderabad in association with National Seed Association of India (NSAI), New Delhi and Seedsmens Association of Andhra Pradesh on 24 April, 2010 to create awareness on contentions issues related to protection of



Dr. NK Dadlani, NSAI, New Delhi emphasizing the need of PPV & FR to the delegates

plant varieties in India as per PPV & FR Act, 2001. It was organized to benefit scientists from seed industry and seed growers. This event also stimulated interaction between public and private sector scientists. The training was attended by 80 delegates representing the cross-section of the major private and public sector seed companies. The participants interacted on PPV & FR Act, 2001, understood the process of filling the PVP application forms and discussed in detail on intricacies involved. Dr. SV Rao, Director, DSR, was the chairman and Dr. Varaprasad, Officer In-charge, NBPGR regional station at Hyderabad was the chief guest for this programme. Drs. Malhotra, Registrar General and PK Singh, Registrar, PPV & FRA, New Delhi, Vilas A Tonapi and M Elangovan, DSR, Gururaj Kulakarni, Syngenta India Ltd, Pune, Drs. Vani Sekhar, Hytech seeds, Y Yogeshwar Rao, Vikky Agri Genetics and Mr. Khan, Nuziveedu Seeds were the course panelists. In the panel discussion Registrar General of PPV&FRA answered the queries of the delegates based on their doubts and questions.

समाचार सारांश

भारत में पादप किस्म संरक्षण पर परस्पर जानार्जन कार्यशाला : कृषि में बौद्धिक संपदा के अधिकार, विशेषकर पादप किस्म संरक्षण के विषय पर जागरूकता लाने के उद्देश्य से ज्वा.अनु.नि. के द्वारा सीड्समैन असोसिएशन हैदराबाद तथा नेशनल सीड असोसिएशन भारत (एन.ए.एस.आई), नई दिल्ली के संयुक्त तत्वावधान में 24 अप्रैल 2010 को भारत में पादप किस्म संरक्षण विषय पर परस्पर जानार्जन कार्यशाला का आयोजन किया गया ।

जैव-प्रौद्योगिकी विभाग – नेटवर्क परियोजना की समीक्षा बैठक : डॉ. के के नारायणन् की अध्यक्षता में 23 अप्रैल 2010 को ज्वार अनुसंधान निदेशालय, हैदराबाद में जैव-प्रौद्योगिकी विभाग द्वारा प्रायोजित चारा जैव-प्रौद्योगिकी अनुसंधान नेटवर्क परियोजना की चतुर्थ समीक्षा बैठक का आयोजन किया गया ।

आनुवंशिक परिवर्तन हेतु प्रशिक्षण : एग्री बायोटेक फाउंडेशन, आ.एन.जी.रं.कृ.विवि; द्वारा आयोजित *हैंड्स ऑन ट्रेनिंग प्रोग्राम इन प्लांट मॉलिक्यूलर बायोलॉजी* के 11 प्रशिक्षार्थियों ने 22 अप्रैल 2010 को निदेशालय का दौरा किया । उन्होंने *बायोर्ड पीडीएस 1000 ही डिवाइस* द्वारा आनुवंशिक परिवर्तन के अर्द्ध दिवसीय प्रयोगिक सत्र में भाग लिया ।

धान परती में ज्वार की खेती पर प्रक्षेत्र दिवस : आं.प्र. राज्य कृषि विभाग ने ज्वा.अनु.नि. के सहयोग से 01 अप्रैल 2010 को गुंटुर ज़िले में तेनाली के समीप अत्तोटा ग्राम में ज्वार प्रक्षेत्र दिवस तथा पत्रकार सम्मेलन का आयोजन किया ।

ज्वार स्टाल

भा.कृ.अनु.सं; नई दिल्ली में : भा.कृ.अनु.सं; नई दिल्ली में 13-14 अप्रैल 2010 को *क्वालिटी सीड फॉर फूड सेक्यूरिटी थ्रू पब्लिक प्राइवेट पार्टनरशीप* पर आयोजित राष्ट्रीय संगोष्ठी के दौरान लगाई गई प्रदर्शनी में ज्वा.अनु.नि. ने सार्वजनिक तथा निजी साझेदारी तथा ज्वार प्रौद्योगिकियों के व्यावसायीकरण पर स्टाल लगाया ।

त.कृ.विवि; कोयंबतूर में : त.कृ.विवि; कोयंबतूर में 14-17 अप्रैल 2010 को आयोजित *रा.कृ.न.प. की समीक्षा बैठक* के दौरान आयोजित प्रदर्शनी में ज्वा.अनु.नि. ने रा.कृ.न.प. की उपलब्धियों पर स्टाल लगाया ।

परभणी में : ज्वा.अनु.नि. तथा आई.टी.सी.लि. ने परभणी में थड्क्लास ई-चौपाल में 29 मार्च 2010 को संयुक्त रूप से ज्वार के मूल्य संवर्धित उत्पादों तथा आई.टी.सी. के सामान्य उत्पादों की प्रदर्शनी लगाई ।

साक्षी टीवी के द्वारा डॉ. एस वी राव का साक्षात्कार : तेलुगु के एक लोकप्रिय चैनल साक्षी टीवी ने *पल्ले थाल्लि* कृषि कार्यक्रम के अंतर्गत 3 अप्रैल 2010 को डॉ. एस वी राव, कार्यकारी निदेशक, ज्वा.अनु.नि. के साक्षात्कार का सीधा प्रसारण किया ।

श्री एस लालय्या सेवा-निवृत्त : निदेशालय में पिछले 38 वर्षों से विभिन्न पदों पर कार्यरत श्री एस लालय्या, टी-5 को अधिवर्षिता पर 30 अप्रैल 2010 को परिषद की सेवाओं से मुक्त किया गया । निदेशालय का स्टाफ उनके अत्यंत खुशहाल जीवन की कामना करता है !

संस्थान की सामान्य बैठकें : संस्थान में 13 अप्रैल 2010 को संस्थान के संयुक्त कर्मचारी परिषद, शिकायत कक्ष, महिला संरक्षण समिति तथा राजभाषा कार्यान्वयन समिति की बैठकों का आयोजन किया गया ।

आगतुक

प्रक्षेत्र महिलाएं : डॉ. ए. झांसी लक्ष्मी, सहायक निदेशक कृषि, राजेन्द्रनगर, आं.प्र. के नेतृत्व में 30 महीला कृषकों के दल ने 8 अप्रैल 2010 को ज्वा.अनु.नि. का दौरा किया ।

उद्यमी : श्री अनंत पांडे, मुख्य प्रचालक अधिकारी, टाटा केमिकल्स, नांदेड 30 अप्रैल 2010 को ज्वा.अनु.नि. का दौरा किया । उन्होंने मीठी ज्वार को जैव-ईंधन के रूप में बढ़ावा देने हेतु डॉ. एस वी राव, कार्यकारी निदेशक तथा डॉ. एस एस राव, प्रधान वैज्ञानिक के साथ विचार-विमर्श किया ।

हिंदी सारानुवाद : डॉ. महेश कुमार

This programme was conducted by Drs. Vilas A Tonapi & M Elangovan from DSR, Drs. NK Dadlani and Seema Sehgal from National Seed Association of India, New Delhi and Dr. Venkat Reddy, Former chairman of the Seedsmen Association, Andhra Pradesh, Hyderabad.

Review meeting of DBT- Network project

The fourth review of the DBT-sponsored forage biotechnology research network project was held at the Directorate of Sorghum Research (DSR), on 23 April 2010 under the Chairmanship of Dr KK Narayanan. Other members of the review team, Drs. RP Sharma, AK Pradhan, M



Dr KK Narayanan, Chairman, making a point during the meet

Udayakumar, RR Sinha (Advisor, DBT) and N. Seetharama (Network-coordinator) also participated. PIs from IGFR (Jhansi), HPKVV (Palampur), NIPGR (New Delhi), CCSHAU (Hisar), MPUAT (Udaipur) and Delhi University, besides from DSR were present. The Director of DSR, Dr SV Rao welcomed all participants and review team, and made introductory remarks. The Chairman noted that there was significant progress following the previous review meeting in most of the projects. This was followed by brief observations by the DBT advisor and the network coordinator before individual projects were presented by the project PIs and the progress was reviewed by the experts. The meeting ended with vote of thanks by Dr. B Venkatesh Bhat.

Training in genetic transformation

Eleven trainees who were participating in the "Hands on training program in Plant Molecular Biology" organized by Agri biotech foundation, ANGRAU campus, Rajendranagar visited DSR on 22 April, 10. They attended a half day practical session on genetic transformation through "Biorad PDS 1000



Dr. SV Rao, Acting Director, appraising trainees on transgenic research

He" device. Dr. SV Rao, Director, DSR welcomed the trainees and appraised them on transgenic research on sorghum being carried out at DSR. Dr. KBRIS Visarada, Principal Scientist conducted the practical session. Prior to this, in the morning session Dr. Visarada delivered an invited lecture on the topic "Genetic modification in sorghum for stem borer resistance" at Agri biotech foundation, ANGRAU campus.

Field day on sorghum cultivation in rice fallows

A "Sorghum field day cum press meet" was organized by AP State Agriculture Department in collaboration with DSR, at Attota Village near Tenali town in Guntur district on April, 01, 2010. In the last two years farmers are being made aware



Dr. B Subbarayudu explaining about the new cultivars suitable for rice fallows and suitable package of practices for bumper yields to farmers

about the improved technologies of sorghum production in rice-fallows and other innovative ways of its utilization in Guntur district. During this period, area under sorghum cultivation has gone up from 400 ha to 4000 ha. At Attota village itself about 250 ha area is under sorghum cultivation for the past 8 years and this time, bumper yields to the tune of 60 to 70 q/ha under rice-fallows conditions were recorded. This meet was attended by more than 300 farmers. Dr. B Subbarayudu Senior Scientist from DSR, Hyderabad addressed the meet and explained about the new cultivars suitable for rice fallows, management of sorghum diseases, package of practices to be followed for getting higher yields, and the value-added products of sorghum. Smt. Amala Kumari, Agricultural Officer, Sh. Karumanchi Apparao and Sh. E. Ravindra Babu, progressive farmers also addressed the farmers. In general, there is an increasing demand from the farmers for the seeds of improved sorghum hybrids developed by the public sector. This programme was widely covered by both print and visual media.

Sorghum stalls

At IARI, New Delhi: DSR setup the sorghum stall on Public-Private Partnership and commercialization of sorghum



Information brochures on technologies being distributed to the delegates

technologies at the exhibition organized during the National Seminar on "Quality seed for food security through Public-Private Partnership" held at IARI, New Delhi during 13-14 April, 2010. Dignitaries including Directors of the sister ICAR institutes, and scientists from various Private companies visited the stall. The relevant information, brochures on technologies available for licensing and the forms were distributed to the visitors. Drs. Vilas A Tonapi and KV Raghavendra Rao set up the stall and explained the commercialization initiatives at DSR, Hyderabad.

At TNAU, Coimbatore: DSR also setup the sorghum stall on achievements of NAIP project in the exhibition during the review meeting of NAIP projects held at TNAU, Coimbatore during 14 -17 April, 2010, where sorghum and other millet foods were displayed. Visitors including scientists from various SAUs and ICAR institutes visited the sorghum stall. The importance of sorghum as health and nutritious food was explained to the visitors by Mr. Pramod Kumar.

At Parbhani: DSR and ITC Ltd. jointly conducted an exhibition of both Jowar value-added food products and ITC general products at Thadklas e-Choupal in Parbhani district on 29 March, 2010. Mr. Nishan Singh, Branch Manager, ITC Ltd. Nagpur was the Chief Guest. More than 800 visitors from Parbhani district including rural women, farmers, traders and future entrepreneurs visited the stalls. They were briefed about health benefits of sorghum products along with preparation procedures by Dr. Ch Shashidhar Reddy, Senior Scientist and Mr. Pramod Kumar, Senior Technical Officer of DSR. Various machines specially designed for the preparation of different products were also displayed. Mr. Vineeth Upadhyay, Financial Manager, ITC, Nagpur and Mr. Jaymohan, Area Manager, ITC, Nanded managed this show and coordinated with DSR in organizing sorghum food kiosk.

Dr. SV Rao interviewed by Sakshi TV

Sakshi Television - one of the popular Telugu channel telecasted a live Interview with Dr. SV Rao, Director, DSR in an agriculture programme "Palle Thalli" on 3 April, 2010. Dr. Rao explained about the sorghum research activities, progress and future plans for development at the Directorate and accomplishments made.

Lectures delivered

Dr. Prabhakar delivered an invited lecture on "Drought in Sorghum: Breeding perspective" at the training programme on "Drought and Double Haploidy" organized by BR Barwale Foundation, BKCL, Jalna on 14 April 2010.

Dr. Sujay Rakshit as a resource person, delivered a lecture on "Breeding new varieties: issues in sorghum and maize" at Farmers Seed Conference 2010, held at Jeevan Jyothi building, Begumpet, Secunderabad during April 26-27, 2010.

Students club activities

A brief meeting of DSR students with **Mr. Vinjamuri Shanker**, who has extensive experience in teaching students for CSIR-NET examination, was organized at DSR on 23 April, 2010. This interactive session was conducted to increase the awareness among the students towards the competitive examinations and tips to secure good score. Dr. KBRS Visarada coordinated this programme.

Visitors

Students

Nine students from college of agriculture, Dept of Biotechnology, Sambhalpur University, Odisha, led by Dr. J Panigrahi, Reader visited DSR on 7 April 2010 as a part of their



Students keenly listening to a video film on package of practices for sorghum production technology

educational tour. Dr. RR Chapke narrated the research and extension activities at DSR. This was followed by discussion on package of practices to be followed for cultivation of sorghum. They were also briefed on the application of modern tools of biotechnology and processes for preparation of value-added products from sorghum.

Farm women

Thirty farmer women from Ranga Reddy District led by Dr. A Jhansi Lakshmi, ADA, Rajendranagar, AP visited DSR on April 8, 10. They were explained about the research and extension



Women farmers being explained the products and processes for preparation of value added products of sorghum

activities followed by discussion on package of practices to be followed for cultivation of sorghum after paddy harvest during Kharif season. They were briefed by Dr CV Ratnavathi on the products and processes for preparation of value added products of sorghum.

Entrepreneurs

Mr. Anant Pande, Chief Operating Officer, Tata chemicals, Nanded visited DSR on 30 April, 2010. He had a brief discussion with the Director SV Rao, and Dr. SS Rao, Pricipal



Discussions in progress to promote sweet sorghum as a bio energy crop

Scientist, to promote sweet sorghum as a bio-energy crop and large scale commercial production.

Institute's common meetings

Institute Joint Staff Council (IJSC)

The Institute Joint Staff Council Meeting was held on April 13, 2010 in the Committee Room. The following staff members were present in the meeting: *Official side:* Dr. SV Rao, Acting Director & Chairman, Mr. NVRN Murthy – Member and Mr. G Krishna – Member Secretary (Official side), *Staff side:* Sh. B. Sudarshan, (Secretary, IJSC), Sh. A.V. Rao (Member, Administration), Sh. Shankar (Member, SSG). The Member-Secretary presented the action taken report on agenda items. The progress was discussed by the members.

Institute Grievance cell (IGC)

The Institute Grievance Cell Meeting was held on April 13, 2010. The following members were present in the meeting: *Official side:* Dr. SV Rao - Chairman, Dr. S Audilakshmi – Member, Sh. NVRN Murthy, AF&AO – Member, Sh. G. Krishna, AO – Member. *Staff side:* Sh. B. Sudharshan – Member (Supporting), Sh. A Venkateshwara Rao, Member-Secretary. The committee has reviewed the Action Taken Report submitted by the Member-Secretary. There was no grievance to discuss, so all discussed on proactive measures to increase work efficiency.

The Women Protection Committee

The meeting of "Committee on prevention of sexual harassment at work place" was held on the January 06, 2010. The following staff members were present in the meeting: Drs. KBRS Visarada (Chairperson), Smt. VSG Parvathi (Member) and Mr. G. Krishna (Member-Secretary). No complaint was received by the committee as on date. However, the committee deliberated on the issue of security for the women who are working during holidays. The committee decided to make necessary changes in security tenders to employ lady security staff for the protection of women

ICAR Staff Welfare Fund Scheme

The meeting of ICAR Staff Welfare Fund Scheme held on 13 April, 2010 in the Seminar Hall. The following members were present in the meeting: *Official side:* Dr. SV Rao – Acting Director & Chairman, Dr. KBRS Visarada – Member, Sh. NVRN Murthy – Member, Sh. G Krishna – Member, Sh. J Narsimha, SSG and Sh. A Venkateshwara Rao – Member-Secretary. The Member-Secretary briefed about the latest position of the scheme to the house.

राजभाषा कार्यान्वयन समिति की बैठक : राजभाषा कार्यान्वयन संबंधी विभिन्न विषयों पर चर्चा के लिए डॉ एस वी राव, कार्यकारी निदेशक की अध्यक्षता में 13 अप्रैल 2010 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 एन वी आर एन मूर्ति, सहायक वित्त एवं लेखा अधिकारी, श्री ए वी राव, सहायक प्रशासनिक अधिकारी (स्थापना), डॉ मोनिका दलाल, प्रभारी अधिकारी-पुस्तकालय, श्री मुकेश, प्रभारी अधिकारी-कृ.अनु.सू.तं; (सदस्य) तथा डॉ. महेश कुमार, हिंदी अनुवादक (सदस्य-सचिव) उपस्थित थे।

Meeting with NRC on Seed Spices, Ajmer

An inter-institutional meeting between the Directorate of



Discussions in progress on proposal to develop inter-institutional collaboration for research in production aspects in six seed spices

Sorghum Research (DSR), Hyderabad and National Research Centre on Seed Spices (NRCSS), Ajmer was held on 13th April, 2010 at DSR Campus, Hyderabad. The meeting was co-chaired by Dr SV Rao, Acting Director, and Dr DSR, MM Anwar, Director, NRCCS. Drs JS Mishra, Prin. Scientist, Agronomy, VR Bhagwat, Prin. Scientist, Entomology and C Aruna, Sr. Scientist, Plant Breeding were also participated.

It was proposed to develop an inter-institutional collaboration for research in production aspects in six seed spices (Cumin, Fennel, Coriander, Ajwan, Phenogreek and Nigella) in similar agro-climatic conditions leading to area expansion of these crops.

Superannuation of S. Lalaiah

Sh. S Lalaiah, T- 5, who served the institute for more than 38 years in various capacities, superannuated on 30 April 2010.

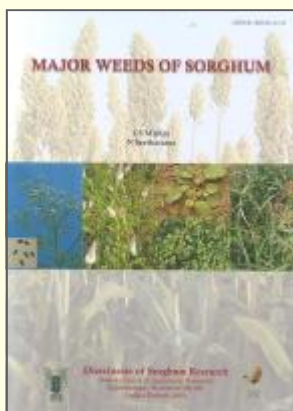


Mr. S Lalaiah being felicitated on the eve of his superannuation

Memento from staff recreation club was presented by the Director, Dr. SV Rao. The DSR staff wished him a very happy and healthy retired life.

Recently Released Books

BOOKS



Title: *Major Weeds of Sorghum*

Authors: JS Mishra and N Seetharama.

About the book: *This book is compendium on major weeds of sorghum. This provides essential information on sorghum weeds, identification and management strategies.*

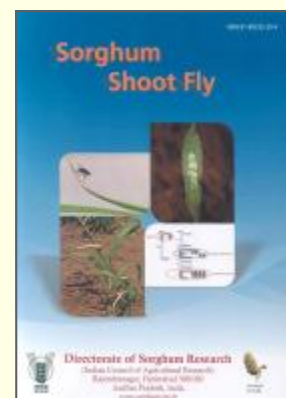
ISBN No: 81-89335-23-5 **Pages:** 62

Title: *Sorghum Shoot Fly*

Authors: PG Padmaja, R Madhusudhana & N Seetharama

About the book: *This book explains the biology, screening and management practices for shoot fly. It also deals with the host plant resistance, breeding for resistance and genetic divergence and molecular characterization.*

ISBN No: 81-89335-29-4 **Pages:** 82



Title: *Jwar ke swadisht vyanjan (Delicious recipes of sorghum - in Hindi)*

Authors: CV Ratnavathi, Mahesh Kumar, JS Mishra and VR Bhagwat

About the book: *This book describes the preparation of various foods from sorghum flour.*

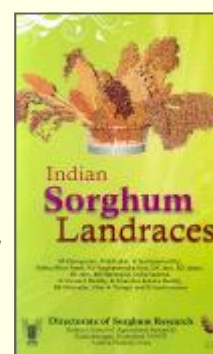
ISBN No: 81-89335-28-6 **Pages:** 54

Pamphlet

Title: *Indian Sorghum Landraces*

Authors: M Elangovan, Prabhakar, K Ganesamurthy, NB Patel, KV Raghavendra Rao, DK Jain, BD Jadhav, SK Jain, BD Nrwaria, Usha Saxena, G Vincent Reddy, D Chandra Sekara Reddy, RB Ghorade, Vilas A Tonapi and N Seetharama

About the publication: *This handout gives detailed information of Indian sorghum land races collected from the states of Andhra Pradesh, Gujarat, Karnataka, Madhya Pradesh, Maharashtra, Rajasthan, Tamilnadu and Uttar Pradesh.*



Official Tours

| S. No | Name of the Official | Place Visited | Dates | Purpose |
|-------|----------------------|---------------------|--------------------|--|
| 1 | Pramod Kumar | Parbhani, MS | 28 Mar– 2 May10 | Procurement of sorghum grain from farmers at ITC's Choupal Sagar, Parbhani under NAIP programme. |
| 2 | SV Rao | ASRB, New Delhi | 6-9 April, 10 | ICAR assigned jobs at ASRB, New Delhi |
| 3 | Pramod Kumar | TNAU, Coimbatore | 14 -17 Apr, 10 | To organize sorghum stall at NAIP workshop. |
| 4 | Vilas A Tonapi | UAS, Dharwad | 26-30 Apr, 10 | Kharif planning for sorghum ergot related work. |

Meeting (M)/ Symposia (S)/ Workshop (W)/ Training (T) / Conference (C) attended

| S. No | Name of the Official | Participated in | Type | Venue | Dates |
|-------|-------------------------------------|--|------|--------------------------------------|-------------------|
| 1 | Vilas A Tonapi & KV Raghavendra Rao | National Seminar on " Quality seed for food security through Public-Private Partnership" | S | IARI, Pusa, New Delhi | 13-14 April, 2010 |
| 2 | SV Rao | Agribusiness Knowledge Centre | W | NAARM | 22 April 10 |
| 3 | Vishala AD | Training programme on "Consumer redressal measures and food safety" | T | APARD, Hyderabad | 26-28 April, 2010 |
| 4 | Sujay Rakshit | Farmers Seed Conference 2010 | C | Jeevan Jyothi Building, Secunderabad | April 26-27, 2010 |

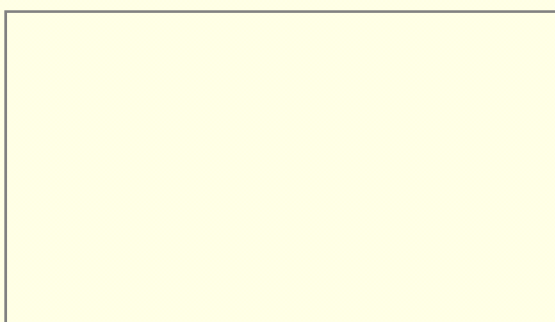
Thought for the month

"Leadership is practiced not so much in words as in attitude and in actions."

[Harold S. Geneen](#)

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To



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