



ज्वार अनुसंधान निदेशालय

Directorate of Sorghum Research

घटनाक्रम तथा समाचार Happenings & News



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41st Annual sorghum group meeting at UAS, Dharwad

The 41st Annual Group Meetings of the All India Coordinated Sorghum Improvement Project was held at College of Agriculture, University of Agricultural Sciences, Dharwad from 15-17 April,



Dr. SK Datta, (DDG, CS,) giving his address

2011. The group meeting was formally inaugurated by Dr. Swapan Kumar Datta, Deputy Director General (Crop Science), Indian Council of Agricultural Research, New Delhi. Dr. RR Hanchinal, Vice-chancellor, University of Agricultural Sciences, Dharwad presided over the inaugural session. Dr. JV Patil, Director, Directorate of Sorghum Research, Hyderabad presented the research highlights and reviewed the work at AICSIP centres. Dr. PM Salimath, Director of Research, University of Agricultural Sciences, Dharwad, welcomed the guests and the delegates. Dr. L Krishna Naik, Director of Extension, UAS, Dharwad was also graced the occasion. A total of 250 participants from AICSIP centres, DSR, IGFRI, ICRISAT, private seed industry, and non-governmental organizations participated in this meet.

The 3-day meeting reviewed the progress in research and made plans to be executed during the year 2011-12 at national level. Dr. SK Datta as Chief Guest and Dr. RR Hanchinal, the Chairman of

समाचार सारांश

कृषि विज्ञान विश्वविद्यालय, धारवाड़ में ज्वार समूह की 41वीं वार्षिक बैठक : कृषि विज्ञान विश्वविद्यालय, धारवाड़ में 15-17 अप्रैल 2011 के दौरान अखिल भारतीय समन्वित ज्वार उन्नयन परियोजना के ज्वार समूह की 41वीं वार्षिक बैठक का आयोजन किया गया। डॉ. स्वपन कुमार दत्ता, उप महानिदेशक (फसल विज्ञान) भाकृअनुप, नई दिल्ली ने इस तीन दिवसीय बैठक का उद्घाटन किया। डॉ. आर आर हंचिनाल, कुलपति, कृषि विज्ञान विश्वविद्यालय, धारवाड़ ने उद्घाटन सत्र की अध्यक्षता की। डॉ. जे वी पाटील, निदेशक, ज्वार अनुसंधान निदेशालय, हैदराबाद ने अनुसंधान विशेषताओं पर प्रकाश डाला तथा अ.भा.स.ज्वा.उ.प. केंद्रों के कार्यों की समीक्षा की। इस बैठक में लगभग 250 सहभागियों ने भाग लिया।

धारवाड़ में ज्वार कार्यकर्ताओं (पूर्व) का सम्मान : अ.भा.स.ज्वा.उ.प. तथा कदन्न अनुसंधान संस्था ने कृषि विज्ञान विश्वविद्यालय, धारवाड़ के सेवा-निवृत्त ज्वार वैज्ञानिकों - डॉ. जे वी गौड, जी एम पद्मगनुर, आर वी हिरेमठ, वी पी देशपांडे, एम एस जोशी, काजरी, नायकर, परमेश्वरप्पा, के एच अनाहौसुर, के ए कुलकर्णी का उनकी सेवाओं के लिए सम्मान किया।

श्रेष्ठ प्रदर्शन केंद्र सम्मान : तीन वर्षों के आंकड़ों की गुणवत्ता व सामंजस्यता तथा निगरानी दल की रिपोर्ट, श्रेष्ठ प्रदर्शन केंद्रों के चयन का आधार है। यह सम्मान खरीफ मौसम हेतु गोविंद वल्लभ पंत कृषि एवं प्रौद्योगिकी विश्वविद्यालय, पंत नगर तथा रबी मौसम हेतु महात्मा फुले कृषि विद्यापीठ, राहुरी को प्रदान किया गया है।

नई ज्वार किस्मों के लोकार्पण हेतु पहचान : ज्वार समूह की 41वीं वार्षिक बैठक के दौरान 16 अप्रैल 2011 को किस्म पहचान समिति ने किस्मों के लोकार्पण के संबंध में विभिन्न क्षेत्रों से प्राप्त 11 प्रस्तावों की जांच की तथा गहन विचार-विमर्श के पश्चात एसपीएच 1644, एसपीएच 1629, एसपीवी 1870, एसपीवी 1822 तथा एसपीवी 1829 किस्मों की लोकार्पण हेतु पहचान की।

डॉ. तलवार का आस्ट्रेलिया दौरा : डॉ. एच एस तलवार, प्रधान वैज्ञानिक, ज्वा.अनु.नि. ने 11-16 अप्रैल 2011 के दौरान *इंप्रूविंग पोस्ट टैनी सोरघम वेराइटीस टू मीट द गोजिंग येन एंड फोर्डर डिमांड इन इंडिया* नामक तीन वर्षीय अंतर्राष्ट्रीय संयुक्त परियोजना के संबंध में युनिवर्सिटी ऑफ क्विंसलैंड, ब्रिसबेन में आयोजित अनुसंधान समीक्षा की बैठक में भाग लेने हेतु आस्ट्रेलिया का दौरा किया।

विदाई : निदेशालय में तकनीकी अधिकारी के रूप में कार्यरत श्री अरुण प्रताप सिंह ने हाल ही में सीधी भर्ती के द्वारा सहायक निदेशक कृषि के रूप में किसान कल्याण एवं कृषि विकास विभाग, विदिशा, मध्य प्रदेश में कार्यभार ग्रहण किया है तथा श्री सतीश कुमार, आशुलिपिक को नाभीकीय ईंधन कंप्लेक्स, हैदराबाद में आशुलिपिक के रूप में कार्यभार ग्रहण करने हेतु कार्यभार मुक्त किया गया है। निदेशालय द्वारा 12 अप्रैल 2011 को दोनों पदाधिकारियों के सम्मान में विदाई समारोह का आयोजन किया गया।

दुःखःद निधन : यह बड़े ही दुःख के साथ सूचित किया जाता है कि निदेशालय में पिछले 39 वर्षों से कार्यरत श्री एम नरसिंह, कुशल सहायक कर्मचारी का 26 अप्रैल 2011 को देहांत हो गया। अतः दिवंगत आत्मा को शांति प्रदान करने हेतु 27 अप्रैल 2011 को निदेशालय में एक शोक सभा आयोजित की गई।

हिंदी सारानुवाद : डॉ. महेश कुमार



Dr. JV Patil presenting the achievements in sorghum research and development

the inaugural session congratulated the 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 All-India programme sponsored by the ICAR. They said it is necessary to create a viable market for sorghum through enhancing alternate uses, and by developing new technologies. Dr. JV Patil, Director, DSR presented the achievements in the sorghum research and development. He said that, while the National sorghum program is well geared to meet the challenges and cater to the needs of sorghum farmers and sorghum-based industries, much more needs to be done on the fodder front. He reported progress in registration of varieties with PPV&FRA, and commercialization of improved cultivars and the preparations for setting goals for XII plan to make sorghum a more viable preposition.

The Dharwad team led by Dr YD Narayana, officer In-charge, AICSIP and Dr. Vilas A Tonapi from DSR along with Drs. VR Bhagwat and Sujay Rakshit coordinated the organization of the meeting. The copies of complete proceedings of this annual group meeting are being dispatched separately and e-copy will be placed at our website www.sorghum.res.in after the proceedings are approved by the council.

Felicitations to earlier sorghum workers at Dharwad: The AICSIP and the Society for Millets Research felicitated the retired eminent



Dr. SK Datta, DDG(CS, ICAR) felicitating Dr. JV Goud for his contribution to sorghum

sorghum scientists of UAS, Dharwad for their yeomen service for the cause of sorghum. They were: Drs. JV Goud, GM Padagonur, RV Hiremath, VP Deshpande, MS Joshi, Kajri, Nayakar, Parameshwarappa, KH Anahosur, KA Kulkarni.

Recognition of best performing centres: The criteria for selection of best performing centres were based on quality and consistency of data over three years and monitoring team reports. In addition the yard sticks used encompassed team work, compliance, station research activities, publications, seed production, extension and recognition to the AICSIP scientists. Based on this, the best performing centres are: The award of Best performing centre in



Dr. SK Datta, DDG(CS), presenting award to the team members of Rahuri centre

Kharif season was bagged by **G BPUA&T, Pantnagar** and the award of Best performing centre in Rabi season went to **MPKV, Rahuri**.

New publications

During the 41st Annual Group Meetings of the All India Coordinated Sorghum Improvement Project, following publications were released by the dignitaries on 16 April, 2011.

Title: *DUS Characteristics of Indian Sorghum parental lines, hybrids and varieties*



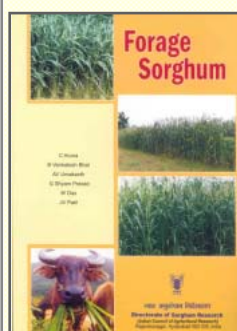
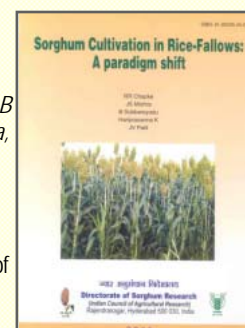
Authors: Vilas A Tonapi, M Elangovan, S Audilakshmi, N Kanna Babu, Chandra Sekhar Reddy, V Subhakar, RS Meena, P Suresh, Raghunath Kulkarni, Swamalatha, Jhansi, KV Raghavendra Rao, HS Gawali & JV Patil

Published by: DSR, Hyderabad
ISBN No: 81-89335-33-2
Released by: Dr. SK Datta, DDG (CS), ICAR, New Delhi

Title: *Sorghum cultivation in Rice fallows – A paradigm shift*

Authors: RR Chapke, JS Mishra, B Subba Rayudu, Hariprasanna, & JV Patil

Published by: DSR, Hyderabad
ISBN No: 81-89335-34-0
Released by: Dr. PM Salimath, Dir. of Research, UAS, Dharwad



Title: *Forage Sorghum*

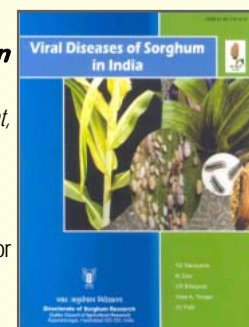
Authors: C Aruna, B Venkatesh Bhat, AV Umakanth, G Shyam Prasad, IK Das, JV Patil & AICSIP Collaborators

Published by: DSR, Hyderabad
ISBN No: 81-89335-36-7
Released by: Dr. RR Hanchinal, VC, UAS, Dharwad

Title: *Viral diseases of sorghum in India*

Authors: YD Narayana, IK Das, VR Bhagwat, Vilas A Tonapi & JV Patil

Published by: DSR, Hyderabad
ISBN No: 81-89335-35-9
Released by: Dr. Krishna Naik, Director of Extension, UAS, Dharwad



Title: Technology for sorghum cultivation in rice fallows during rabi (in Telugu)

Authors: B Subba Rayudu, JV Patil, JS Mishra, C Aruna, RR Chapke, & SS Rao
 Published by: DSR, Hyderabad
 ISBN No: 81-89335-37-5
 Released by: Dr. JV Patil, Director, DSR, Hyderabad

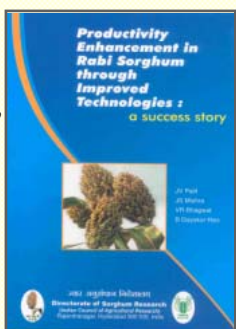


Title: CSH 22SS – an improved sweet sorghum hybrid (Brochure)

Authors: JV Patil (DSR), P Srinivasa Rao (ICRISAT), Belum VS Reddy (ICRISAT), SS Rao, Vilas A Tonapi, AV Umakanth, and Sr. Sorghum Breeder-MPKV, Rahuri
 Published by: ICRISAT, Hyderabad
 Released by: Dr. SK Datta, DDG (CS), ICAR, New Delhi

Title: Productivity enhancement in rabi sorghum through improved technologies – A success story

Authors: JV Patil, JS Mishra, VR Bhagwat & B Dayakar Rao
 Published by: DSR, Hyderabad
 Released by: Dr. RR Hanchinal, VC, UAS, Dharwad



Title: Cultivation practices for forage sorghum CSV 21 (Broacher in Gujarati)

Authors: Dr. Modi
 Published by: Navsari Agricultural University, Navsari
 Released by: Dr. RR Hanchinal, VC, UAS, Dharwad

New sorghum varieties identified for release

The Varietal Identification Committee meeting was held at College of Agriculture, University of Agricultural Sciences, Dharwad on 16 April, 2011 during the 41st Annual Sorghum Group Meeting. The members present were: Dr. SK Datta, Deputy Director General (CS), ICAR, Krishi Bhavan, New Delhi; Dr. PM Salimath, Director of Research, UAS, Dharwad, Dr. S Lingaraju, Prof. & Head, Dept. of Plant Pathology, UAS, Dharwad, Dr. BM Khadi, Dean (PG Studies), UAS, Dharwad, Dr. SA Farooqui, PC (Forages), IGFRI, Jhansi, Dr. Arvind Kapoor, Vice President, Rasi Seeds, Gurgaon, Dr. JV Patil, Director, DSR Hyderabad.

The committee critically examined 11 proposals for different zones consisting of: 6 - kharif hybrids, 3 - dual purpose kharif varieties; 1 - rabi sorghum variety, and 1 - rabi sorghum hybrid. The VIC after considerable deliberations identified following varieties:

- SPH 1644 - Kharif sorghum hybrid - (for Andhra Pradesh, Tamil Nadu, Uttar Pradesh, North Gujarat & Rajasthan) DSR, Hyderabad
- SPH 1629 - (MLSH 296 Gold / DJ 2002) - Kharif sorghum hybrid - (For All India) - Devgen Seeds and Crop Tech. Pvt. Ltd. Sec. bad
- SPV 1870- Dual -purpose kharif variety- (F or All India)- DSR, Hyderabad
- SPV 1822- Dual -purpose kharif variety- (F or All India)- MP UA&T,

Udaipur

- SPV 1829 - Rabi sorghum variety - (For All India) - DSR, Hyderabad

Sorghum food kiosk

The sorghum food stall, set up by the DSR at 41st AGM of AICSIP at UAS, Dharwad during 15-17 April, 2011 received an unprecedented response. More than 200 delegates including the Dr. SK Datta, DDG, ICAR, Dr. RR Hanchinal, VC, UAS, Dharwad, scientists and from various AICSIP centres and state seed departments visited the sorghum stall. The stall organizers served “sorghum biscuits” and “sorghum lassi” to the visitors and appraised about nutritional values and health benefits. Ms. Kiranmai, RA from NAIP project, DSR actively organized the stall and interacted with visitors.

Ph. D. awarded

Mr. Arun Kumar Pandey has been awarded Ph.D. (Biotechnology) from JNTU, Hyderabad on 30th April, 2011. He worked at DSR on the research topic “Developing low-HCN producing forage sorghum using anti-sense approach” under the guidance of Dr. B. Venkatesh Bhat. Mr. Pandey served as SRF at DSR in the DBT and NFBSRA sponsored projects and was recently selected as RA at Hyderabad University. Congratulations Dr. Pandey!



Farewell

DSR bid a farewell on 12 April, 2011 to Mr. Arun Pratap Singh,



Mr AP Singh and Mr. P Satish being felicitated on their farewell

Technical Officer, who recently joined as Assistant Director of Agriculture on direct selection at Farmers Welfare and Agriculture Development Corporation, Itarsi, Madhya Pradesh, and Mr. P Satish, Stenographer, who joined at Nuclear Fuel Complex, Hyderabad as Stenographer on selection. Director and other staff recollected their services to the institute and wished them for their future endeavors.

Dr. Talwar's visit to Australia

Dr. HS Talwar, Principal Scientist (Plant Physiology), DSR visited Australia to participate in the Year-3 -Research review meeting of the International collaborative project entitled “ Improving post rainy sorghum varieties to meet the growing grain and fodder demand in India”. The meeting was held at University of Queensland, Brisbane from 11 – 16 April, 2011. Dr. BD Biradar, Sorghum Breeder, ARS, Bijapur, who is also one of the collaborators in this project, participated in the meeting. Dr. Talwar presented the findings of the last year's multi-location experiments conducted in India. A Concept note for the new proposal (proposed by DSR /Univ. of Queensland /ICRISAT) on “Improving crop adaptation to drought” was selected for second stage of scrutiny under Indo-Australian strategic fund. It is heartening to note that, out 12 proposals submitted to the agency only 2 concept notes were selected for second stage submission. The group will submit, a full proposal in this regard to the funding agency before, 6 June, 2011. DSR family congratulates Dr. Talwar for this accomplishment.



DSR represents General Council Meet of SAMETI

Dr. SS Rao, Principal Scientist represented DSR at general council meeting of State Agricultural Management and Education Training Institute (SAMETI) at Secretariat, Hyderabad held on 25 April, 2011. Dr. Rao highlighted various technologies developed by DSR and its active role in disseminating these technologies to the rural and urban user communities through various agencies such as SAMETI. The meeting was attended by about 20 dignitaries representing various governmental organizations such as DRR, CRIDA, DOR, besides various State agriculture departments of AP.

Visitors:

Farmers from Akola

Forty farmers led by Sh. JV Patil, Team Leader, Farmer's Associate Body, Akola visited DSR on 12 April, 2011. 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 processing Technology Park. Drs. SS Gomashe, RR Chapke and Mr. Pramod kumar explained the ongoing research

activities, package and practice of production and protection



Farmers being explained about latest sorghum production technologies

technologies. Mrs. Vishala AD and Ms. Kiranmayee briefed the food processing technologies.

Sad Demise

DSR regrets to place on record the sad demise of Mr. M Narsimha, Skilled Support Staff worked in Administration division on 26 April, 2011. He has been working in this organization for the past 39 years in various capacities. All the staff members paid homage to him in a condolence meeting held on 27 April, 2011 at DSR.



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

S. No	Name of the Official	Participated in	Type	Venue	Dates
1	HS Talwar	Research review meeting	M	Univ. of Queensland, Brisbane, Australia	11-16 Apr. 2011
2	SS Rao	General Council meeting of SAMETI	M	Secretariat, Hyderabad	25 Apr, 2011

Official Tours

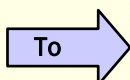
S. No	Name of the Official	Place Visited	Dates	Purpose
1	Pramod Kumar	Tenali, Guntur Dt.	12-15 April, 2011	Recording all important passport data and Collection of 700 good panicles of CSH 16, CSH 23, CSH 25, NSH 27, Sudama 333, Kaveri 6363 & Mahalakshmi and plant samples from rice fallows from farmers field under FLD.

Thought for the month

Always aim at complete harmony of thought and word and deed. Always aim at purifying your thoughts and everything will be well.

- Mohandas K. Gandhi

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