



Sorghum Newsletter



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Quinquennial Review Team (QRT) meeting

The Quinquennial Review Team for Directorate of Sorghum Research (DSR) and All India Coordinated Sorghum Project (AICSIP) visited AICSIP rabi centers under the chairmanship of Dr. YS Nerkar, Hon'ble Former Vice-Chancellor, MPKV, Rahuri. The other distinguished members who participated were: Dr. S Lingappa, Ex- Directorate of Research, Scientist Emeritus, UAS, Dharwad; Dr. CB Gaikwad, Ex. Prof & Head (Dryland Agri), Pune, Dr. BM Jamadagni, Ex-Professor (Plant Physiology), MPKV, Rahuri; Prof. S Mondal, Ecology & Taxonomy Lab, Botany Department,



Viswa Bharati University, Santiniketan; Dr. Srikant Kulkarni, Ex-Professor & Head (PP), UAS, Bangalore and Dr. Sujay Rakshit, Pr. Scientist, DSR. The team visited MPKV, Rahuri on January 9, 2013 and reviewed the progress made by Rahuri and Parbhani centers. CRS, Solapur, RRS, UAS, Bijapur and ARS, ANGRAU, Tandur were visited by the QRT members on January 10, 11 and 14, respectively. At Bijapur progresses of both Bijapur and Dharwad centers were reviewed. The QRT visited DSR, Hyderabad on January 15 and 16, 2013. During the first day, members visited the experimental fields and the scientists presented their achievements for the period before the QRT. On January 16, the team visited all the laboratories and interacted with the scientists. They also had a discussion with Dr. JV Patil, Director, DSR. The QRT was present in the institute till January 19, 2013 to finalize the report and recommendations.

Research Advisory Committee (RAC) meeting

The XIV Research Advisory Committee Meeting was held at DSR on

समाचार सारांश

पंचवार्षिक समीक्षा दल (क्यू.आर.टी.) की बैठक : ज्वा.अनु.नि., हैदराबाद तथा ज्वार पर अ.भा.स.उ.प. हेतु गठित पंचवार्षिक समीक्षा दल ने डॉ. वाई एस नेरकर, माननीय भूतपूर्व कुलपति, म.फु.कृ.वि., राहुरी की अध्यक्षता में 9-19 जनवरी 2013 के दौरान रबी केंद्रों - राहुरी, परभणी, सोलापुर, बीजापुर, धारवाड़, तांडुर तथा हैदराबाद का दौरा किया। बैठक में दल के अन्य प्रमुख सदस्य डॉ. एस लिंगप्पा, भूतपूर्व अनुसंधान निदेशक, एमरिटस वैज्ञानिक, कृ.वि.वि.वि., धारवाड़, डॉ. सी बी गायक्वाड, भूतपूर्व प्रोफेसर तथा अध्यक्ष (बाराणी कृषि), पुणे, डॉ. बी एम जामादग्नि, भूतपूर्व प्रोफेसर (पादप कार्यिकी), म.फु.कृ.वि., राहुरी, प्रो. एस मंडल, पारिस्थितिकी और वर्गीकरण प्रयोगशाला, वनस्पति विज्ञान विभाग, विश्वभारती विश्वविद्यालय, शान्तिनिकेतन, डॉ. श्रीकांत कुलकर्णी, भूतपूर्व प्रोफेसर तथा अध्यक्ष (पादप रोगविज्ञान), कृ.वि.वि.वि., बैंगलुरु तथा डॉ. सुजय रक्षित, प्रधान वैज्ञानिक, ज्वा.अनु.नि. शामिल थे। दल ने संस्थान के निदेशक, डॉ. जे वी पाटील से भी विचार-विमर्श किया।

अनुसंधान सलाहकार समिति की बैठक : निदेशालय में डॉ. आर वी देशमुख की अध्यक्षता में 17-18 जनवरी 2013 के दौरान अनुसंधान सलाहकार समिति की 14वीं बैठक संपन्न हुई। डॉ. सैन दास, भूतपूर्व निदेशक, मक्का अनुसंधान निदेशालय, डॉ. पी एस देशमुख, भूतपूर्व प्रोफेसर एवं अध्यक्ष, रोगविज्ञान विभाग, भा.कृ.अनु.सं., डॉ. आर पी दुआ, सहायक महानिदेशक (खाद्य एवं चारा फसल), भा.कृ.अनु.सं., डॉ. जे वी पाटील, निदेशक, ज्वा.अनु.नि. तथा डॉ. जी श्याम प्रसाद, सदस्य सचिव बैठक में उपस्थित थे।

राहुरी में कृषक रैली : भारत में ज्वार अनुसंधान के स्वर्ण जयंती कार्यक्रम के अंतर्गत ज्वार अनुसंधान निदेशालय, हैदराबाद ने म.फु.कृ.वि., राहुरी तथा महाराष्ट्र राज्य सरकार के संयुक्त तत्वावधान में 11 जनवरी 2013 को म.फु.कृ.वि., राहुरी में एक कृषक रैली का आयोजन किया। डॉ. आर पी दुआ, सहायक महानिदेशक (खाद्य एवं चारा फसल), भा.कृ.अनु.सं. समारोह के मुख्य अतिथि के रूप में उपस्थित थे। श्री उमाकांत दंघट, कृषि आयुक्त, महाराष्ट्र सरकार, अनुसंधान निदेशक, डॉ. जे वी पाटील, निदेशक, ज्वा.अनु.नि., विस्तार निदेशक, म.फु.कृ.वि., कार्यकारी निकाय के सदस्य, तथा विभागों के अध्यक्ष, स्थानीय विधायक तथा ज्वा.अनु.नि. से वैज्ञानिक भी उक्त रैली में शामिल थे।

डस (DUS) परीक्षणों का अनुवीक्षण - रबी 2012-13 : पादप किस्म एवं कृषक अधिकार संरक्षण प्राधिकरण के दिशा-निर्देशों के अनुसार डॉ. जे वी पाटील, निदेशक, ज्वा.अनु.नि. की उपस्थिति में डॉ. डी एम हेगडे, डस अनुवीक्षण दल के अध्यक्ष तथा भूतपूर्व निदेशक, तिलहन अनुसंधान निदेशालय, हैदराबाद की अध्यक्षता में 22 जनवरी 2013 को संस्थान में आयोजित डस परीक्षणों का अनुवीक्षण किया गया। श्री दिपल राय चौधरी, संयुक्त पंजीयक ने पादप किस्म एवं कृषक अधिकार संरक्षण प्राधिकरण, नई दिल्ली का प्रतिनिधित्व किया।

गडचिरोली में रबी ज्वार परीक्षणों का अनुवीक्षण : अनुसूचित जनजाती उप-परियोजना 2012-13 के अंतर्गत रबी ज्वार परीक्षणों के अनुवीक्षण तथा कृ.वि.कें., गडचिरोली द्वारा आयोजित प्रक्षेत्र दिवस में भाग लेने हेतु डॉ. जे वी पाटील, निदेशक तथा डॉ. आर आर चापके, वरिष्ठ वैज्ञानिक, ज्वा.अनु.नि. ने 19 जनवरी, 2013 को गडचिरोली, महाराष्ट्र का दौरा किया।

गणतंत्र दिवस समारोह : निदेशालय में बड़ेही उत्साह के साथ 26 जनवरी 2013 को राष्ट्र का 64वाँ गणतंत्र दिवस समारोह मनाया गया। इस अवसर

पर संस्थान के प्रभारी निदेशक, डॉ. एस वी राव ने झंडा फहराकर स्टाफ को संबोधित किया।

शहीद दिवस : संपूर्ण देशभर में 30 जनवरी को शहीद दिवस के रूप में मनाया जाता है। इस अवसर पर देश के लिए बलिदान करने वालों की आत्मा को शांति प्रदान करने के लिए निदेशालय के स्टाफ के द्वारा 30 जनवरी 2013 को दो मिनट के लिए मौन रखा गया।

राहुरी में इस परीक्षणों का अनुवीक्षण : डॉ. डी एम हेगडे, इस अनुवीक्षण दल के अध्यक्ष तथा भूतपूर्व निदेशक, तिलहन अनुसंधान निदेशालय, हैदराबाद तथा डॉ. हरिप्रसन्ना के, नोडल अधिकारी, ज्वा.अनु.नि. शामिल दल ने 24 जनवरी 2013 को महात्मा फुले कृषि विद्यापीठ, राहुरी में आयोजित ज्वार इस परीक्षणों का अनुवीक्षण किया। डॉ. वी आर शेलार, बीज अनुसंधान अधिकारी तथा नोडल अधिकारी, इस परियोजना, तथा श्री ए पी कर्जुले, सह-नोडल अधिकारी ने बीज प्रौद्योगिकी अनुसंधान एकक, म.फु.कृ.वि., राहुरी ने अनुवीक्षण को सुकर बनाया।

आगंतुक

महाराष्ट्र से कृषक : ज्वार फसल तथा उसके उपयोगिता के संबंध में जानकारी प्राप्त करने हेतु 40 कृषकों के दल ने जनवरी 2013 में निदेशालय का दौरा किया। डॉ. आर आर चापके द्वारा उक्त दौरों का समन्वय किया गया।

-डॉ. महेश कुमार

17 -18 January, 2013 under the chairmanship of Dr. RB Deshmukh, Ex. Vice Chancellor, MPKV, Rahuri. The RAC members present were: Dr. Sain Dass, Ex-Director, DMR, Dr. PS Deshmukh, Ex-Professor & Head, Dept of Pathology, IARI, Dr. RP Dua, ADG (FFC), Dr JV Patil, Director, DSR and Dr. G Shyam Prasad, Member-Secretary. Dr. JV Patil, Director, welcomed the RAC Chairman and other Members.

The Member-Secretary presented the ATR on previous RAC meeting. The theme leaders presented the progress achievements of their projects under each research area. Dr. JV Patil presented an overview of sorghum R&D and issues being addressed in XII



plan. The RAC Chairman in his remarks highlighted the importance of sorghum as an important food, feed and fodder. During the discussions, the members suggested the approaches for improving research activities for better product delivery to enhance production and profitability farmers' cultivating sorghum in dry regions of semi-arid tropics. Finally, Dr G Shyam Prasad, Member Secretary proposed the vote of thanks.

Rabi sorghum Farmers' Rally at Rahuri

As a part of Golden Jubilee Celebrations of Sorghum Research in India, Directorate of Sorghum Research, (DSR) Hyderabad in collaboration with MPKV, Rahuri and Maharashtra State Government organized a Farmers Rally at MPKV, Rahuri on 11 January, 2013. Dr. RP Dua, ADG (FFC), ICAR was the Chief Guest of the Function. Mr. Umakanth Dangat, Agriculture Commissioner, MS Govt., Director of Research, Dr. JV Patil, Director, DSR, Director of Extension, MPKV, Members of Executive bodies, and Head of the



Departments, Local MLA and sorghum scientists from DSR, Hyderabad also attended the rally. More than 2000 progressive farmers attended this programme.

Dr. RP Dua, ADG (FFC) ICAR congratulated the Maharashtra Farmers for their role in insuring the food security in Maharashtra. He stressed on sorghum as a health food and need for value addition and as fodder crop. Dr. JV Patil told that sorghum has now been included in the National Food Security Mission of Govt. of India. He suggested that if the improved production technologies are followed, the average productivity of rabi sorghum can be increased up to 1500 kg/ha without any difficulty. Mr. Umakanth Dangath, Agriculture Commissioner stated that sorghum is one of the major crops of Maharashtra cultivated under moisture stress conditions. He also explained the State Government policies and subsidies on various farm inputs. The progressive sorghum farmers and scientists were also honoured on the occasion.

Republic Day celebrated

The Nations 64th Republic Day was celebrated with great enthusiasm and gaiety on 26 January 2013. Dr. SV Rao, Director in-charge hoisted the National flag and addressed the staff. He stressed the need to rededicate ourselves with a commitment to meet the food security challenges.

Martyrs' Day observed

January 30 was observed as "Martyrs' Day" all over the country. The staff members observed 2 minutes silence to pray for the souls of Mahatma Gandhi, the Jawans and other martyrs who sacrificed their life for the nation.

Monitoring of trials

DUS Testing trials - Rabi 2012-13

The monitoring of DUS Testing trials conducted at DSR was held on 22nd January 2013 under the Chairmanship of Dr. DM Hegde,



Former Director, DOR, Hyderabad as per the guidelines of PPV&FRA in the presence of Dr. JV Patil, Director, DSR. Dr. Dipal Roy Choudhury, Joint Registrar, represented the PPV&FRA during the monitoring. Representatives from M/S Nuziveedu Seeds, whose candidate varieties were tested for DUS, also attended the monitoring. Dr. Hariprasanna K, Nodal Officer, DSR explained the DUS testing for different candidate varieties taken up along with the claimed distinct characteristics and the expression of the same. Dr. Aruna C, Co-Nodal Officer also facilitated the monitoring. The report of the monitoring team and DUS test proforma for the candidate varieties were prepared by the team.

Rabi sorghum FLDs at Gadchiroli, Maharashtra

Dr. JV Patil, Director and Dr. RR Chapke, Sr. Scientist of DSR, Hyderabad visited Gadchiroli in Maharashtra on 19 January, 2013 to monitor rabi sorghum trials and to participate in a Field day organized by KVK, Gadchiroli under Tribal Sub Plan 2012-13. Dr. Neharkar Officer in-charge, KVK gave glimpse of their activities and briefed Dr. JV Patil on various issues of agricultural



development including sorghum in Gadchiroli district of Maharashtra. Few demonstrations of high yielding sorghum varieties like PKV Kranti were conducted by the KVK in tribal farmers' fields in Kaneri village. A Field Day programme was also organized in the farmer's field. Mrs. Sunita Kawale, Sabhapati of Kaneri Gram Panchayat Samitee and more than 50 sorghum farmers participated in this event. Dr. Patil explained the importance of sorghum cultivation in their area and urged them to adopt latest production technologies in their farming system. This programme was widely covered by the local news media.

DUS Testing trials at Rahuri

The DUS testing trials conducted at MPKV, Rahuri were monitored by the team including the Chairman Dr. DM Hegde, Former Director, DOR, Hyderabad and Dr. Hariprasanna K, Nodal Officer, DSR on 24 January 2013. Dr. VR Shelar, Seed Research Officer & Nodal Officer, DUS project, and Shri AP Karjule, Co-Nodal Officer, facilitated the monitoring at Seed Technology Research Unit, MPKV, Rahuri.

FLDs in rice-fallows

DSR Scientists Drs. JS Mishra (Agronomy), Rajendra R. Chapke



(Extension) and K Srinivasa Babu (Entomology) visited Agro Centres and farmers' fields at Rajahmundry in East Godavari

District and Tenali, Ithanagar, Nellapadu, Athota, Sripuram and Nandivelugu villages in Guntur district of Andhra Pradesh during January 28-31, 2013. The team procured and distributed agro chemical inputs and monitored the sorghum demonstrations organized in rice-fallows under FLD programme. Total 15 demonstrations were organized in and around Rajahmundry in East Godavari district while 110 demonstrations were organized in farmers' fields in 12 villages of Tenali block in the Guntur district under frontline demonstration programme. Overall the crop under demonstrations was very good and the farmers are expecting good yield from CSH 16 this year too. According to the sources from the Joint Director of Agriculture Office the sorghum area in rice-fallows in Guntur district had gone up to 24,000 ha which is substantially higher than the last year i.e 21,000 ha.

INSIMP rabi sorghum project in Karnataka

The Initiative for Nutritional Security through Intensive Millets Promotion (INSIMP) project pertaining to *rabi* sorghum in the districts of Yadagir, Bijapur and Bidar in the State of Karnataka were monitored by DSR during 18-20 January, 2013. In coordination with the state department officials, Dr. B. Venkatesh Bhat, Principal Scientist, DSR, Hyderabad, visited these districts for monitoring. INSIMP target area for *rabi* sorghum in these districts was a total of 11455 hectares. The programme was taken up in mostly rainfed areas, though a few farmers could afford a



couple of irrigations. Rabi sorghum variety M 35-1 was the preferred one for the farmers. The INSIMP kit provided to the farmers for *rabi* sorghum cultivation consisted of micronutrients, gypsum and bio-fertilizer including vermi-compost. The client farmers were convinced about the use of vermi-compost, gypsum and micronutrients. The initiative of INSIMP to empower the farmer groups by providing machinery for post-harvest processing was also initiated in many of these places.

Entomology trials at UAS, Dharwad

Dr. B Subbarayudu, Sr.Scientist, DSR visited UAS, Dharwad during 29-31 January, 2013 and monitored the AICSIP rabi trials.

Visitors

Farmers from Maharashtra

A group of 40 farmers from Washim, Akola district, Maharashtra visited to the DSR on 21 January 2013 to get detailed know-how



about the sorghum crop and its usefulness. Dr. RR Chapke gave orientation about the latest production technologies developed at the institute and the demonstration plot. The team showed keen interest on dual purpose varieties of sorghum. This visit was coordinated by Dr. RR Chapke and Sh. Harshal Gawali.

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

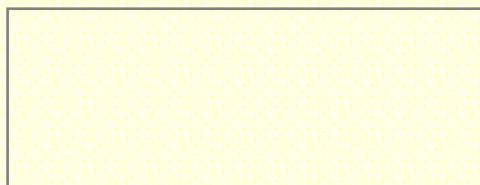
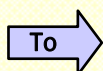
S. No	Name of the Official	Participated in	Type	Venue	Dates
1	Sujay Rakshit	100 th Indian Science Congress	C	Kolkata	03-07 Jan, 2013
2	JV Patil, HS Talwar & C Aruna	Meeting on formulation of draft RFDs for 2013-14	M	ICAR, New Delhi	13-14 Jan, 2013
3	D Balakrishna	7 th review meeting of the ICAR-Network Project on Transgenic in Crops (NPTC)	M	NRC on Plant Biotechnology, IARI, New Delhi.	15-16 Jan, 2013
4	JV Patil & RR Chapke	65 th meeting of central Varietal sub-committee for crop standards	M	CICR, Nagpur	17-18 Jan, 2013
5	D Balakrishna	Symposium on "Global Bio-safety Management Programme: Approach to Product Development and Regulation" organized by Cornell University, College of Agriculture and Life science, USA and Sathguru Management Consultants (P) Ltd, Hyderabad	S	Taj Vivanta, Hyderabad	21-23 Jan, 2013

Thought for the month

The final test of a leader is that he leaves behind him in other men the conviction and the will to carry on.

Walter Lippmann

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Compilation, Editing & Layout :

Dr. KV Raghavendra Rao, Sh. K Sanath Kumar,
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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: sdapur@sorghum.res.in

Sorghum Off-Season Nursery, Warangal
Officer-In-Charge
Directorate of Sorghum Research
RARS, (ANGRAU)
Mulugu Road,
Warangal.