



NEWS LETTER

Central Research Institute for Dryland Agriculture

January - June, 2013



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Knowledge Sharing for Climate Resilient agriculture

Climatic variability and climate change affects agriculture and food security significantly. Extreme climatic events pose major challenges for yield potential realization and productivity of crops and sustainable development in general. Knowledge and awareness on the impacts of climatic variability on agriculture is needed to tackle the climate risks and adapt to it successfully. The knowledge on climate resilience is needed which enhances the capacities of various institutions, thus influencing the advice and decision making of professionals to manage climate change impacts. Dissemination of this knowledge on technologies which contribute to adaptation and mitigation is essential for minimizing the hazards/risks of extreme climatic events.

In this context, CRIDA is focusing on development of the knowledge management platform for Climate Resilient Agriculture which would meet the knowledge and information requirements of all stakeholders. With this backdrop CRIDA is organizing a stakeholders consultation on Knowledge Management for Climate Resilient Agriculture during October 18-19, 2013. It is expected that the deliberations emerging from `consultation would be useful in developing appropriate knowledge sharing mechanisms across the stakeholders for Climate Resilient agriculture. Integrated Scientists/organizations may please get in touch with us to participate in the consultation (For details please visit www.nicra.nic.in)

DR.B.VENKATESWARLU
Director, CRIDA

RESEARCH HIGHLIGHTS

Changing climate and implications to development planning in dryland agriculture

Recognizing the importance of dryland agriculture, Government of India initiated a number of development programmes of which Desert Development Programme (DDP) and Drought Prone Area Programme (DPAP) are the most important. These programmes are targeted to the regions/ districts that are relatively drier. These districts are identified based on the climatic classification made in 1988 using the data sets available for the period up to 1950. There is now adequate evidence of a noticeable increase in the temperature in the country and more variable rainfall pattern. Rainfall is known to be more spatially variable than temperature. Considering the evidence on changing temperature and rainfall during the last 50 years, it was decided to revisit the climatic classification at the district level and understand its implications for development programmes. Using the more recent data sets for the period 1971-2005 of IMD for rainfall (for $0.5^\circ \times 0.5^\circ$ grids) and potential evapotranspiration (data from 144 stations in the country) the districts are classified as having arid, semi-arid, dry sub-humid, moist sub-humid, humid and per-humid climate. These parameters along with the data on irrigation, which was also used for identifying the target districts are now used to identify the districts that now qualify for the DDP/DPAP programmes.

The study indicated a substantial increase in the area under arid zone in Gujarat and a decrease of arid region in state of Haryana. Other notable observations included the increase in semi arid

region in Madhya Pradesh, Tamil Nadu and Uttar Pradesh due to shift of climate from dry sub-humid to semi-arid. Likewise, the moist sub-humid pockets in Chattisgarh, Orissa, Jharkhand, Madhya Pradesh and Maharashtra states have turned dry sub-humid to a larger extent. Similarly, there was a noticeable increase in the area under irrigation in Madhya Pradesh and Tamil Nadu. The number of districts that newly became eligible to DPAP compared to 1994 was 27. About 14 districts in eastern states viz., Jharkhand, Chhattisgarh and Orissa now got eligibility to DPAP due to climatic shift in these districts from moist sub-humid to dry sub-humid. Out of 178 districts of DPAP, 83 districts are found to be not qualifying currently. Out of 40 DDP districts 19 districts do not qualify for DDP now. Thus the changing climate and expansion in irrigation together caused significant changes in the districts to be included in these programmes. Our study highlights the need for expansion in revising the DPAP/DDP districts in view of changing climate irrigation.

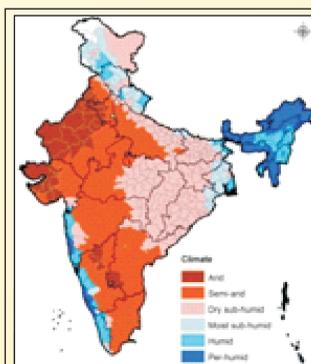


Fig. 1 Climatic classification at district Level (1971-2005)

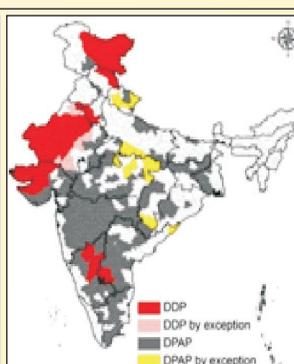


Fig. 2: DPAP & DDP Districts (1994)

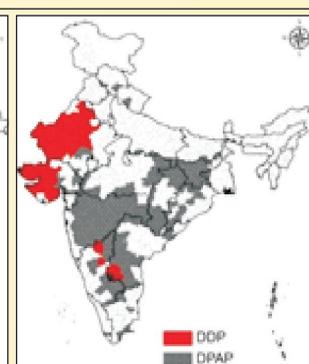


Fig.3: Eligibility of districts to DPAP & DDP (2008-09) - Revisited

SCIENTIFIC ACTIVITIES

National Symposium on Climate Change and Indian Agriculture

National Symposium on “Climate Change and Indian Agriculture: Slicing Down the Uncertainties” was organized jointly by Association of Agrometeorologists, AP Chapter and Central Research Institute for Dryland Agriculture at CRIDA, Hyderabad during 22-23 January 2013. The meeting was attended by Dr. A.K.Singh,V.C., RVSKVV, Gwalior, M.P., Dr. P.K. Aggarwal, CCAFS, New Delhi, and Dr. Peter Craufurd, ICRISAT, Hyderabad. Dr. B. Venkateswarlu, Director, CRIDA welcomed the delegates. Inaugural address was delivered by Dr. S.M. Virmani, ADG, Rtd, ICRISAT. Dr. L.S. Rathore, DG, IMD, and President (AAM) presided over the function. Around 376 participants across the country have presented lead papers and oral/ poster presentations focusing on four main themes i.e (i)Projections and impacts of climate change



Glimpses of CCIA 2013

in agriculture and allied sectors, (ii)Adaption mitigation strategies for climate resilience, (iii)Value added agromet -advisory services and (iv) Socio economic aspects of climate change. The Symposium addressed the issues and challenges that could bring resilience in Indian agriculture to climatic variability. The major recommendations of the National Symposium were to gather quality data on both meteorological and crop yield variables while projecting the impacts of climate change using simulation models. Regional yield estimates under future climatic scenarios need to be based on multi location studies.

47th Annual Convention of ISAE and International Symposium on “Bio-Energy – Challenges and Opportunities”

The 47th Annual Convention was organized by ISAE, New Delhi in association with CRIDA and ANGRAU Hyderabad at DRR Auditorium during January 28-30, 2013 for discussing the issues related to agricultural engineering research, education, extension and industrial promotion with major theme on Bio Energy.

Besides national participants about ten delegates from USA, Canada and Japan have participated in the symposium. After detailed



Release of souvenir in the international symposium on Bio-Energy

deliberations the symposium stressed upon creating a separate state department of agricultural engineering and development of green energy technologies to mitigate the carbon emissions in various fields of agricultural engineering. Dr. K. S. Reddy, Principal Scientist (SWCE) CRIDA, was the convener of the international symposium.

Field day on 'Zero tillage maize in rice fallows'

Field day on 'Zero tillage maize in rice fallows' was organized for farm women of Gangupally and Kandlapally villages of Pudur mandal in Rangareddy district on March 10, 2013. About 60 women from two villages had participated in the programme.



Field days on zero tillage

The Scientific Advisory Committee (SAC) meeting

The SAC meeting of the Krishi Vigyan Kendra (KVK), CRIDA, Ranga Reddy district was held on 5 April, 2013 at Hayathnagar Research Farm, CRIDA. The meeting was chaired by Dr. B. Venkateswarlu, Director, CRIDA. Delegates include Dr. V. Satyanaryana, Project Director, ATMA; Dr. Anantam, Joint Director, Dept of Animal Husbandry, Govt of AP; Dr. B. Vijayabhinandana from ANGRAU; Dr. K. Dattatri from ZPD-V; representatives from various line departments of the Ranga Reddy district, SAUs, special invitees from NGOs, farmers from Ranga Reddy district and scientists from CRIDA and KVK. Action taken



Director, CRIDA discussing about prospects of ...??? farmers with farmers

report was reviewed and plans for kharif and rabi were thoroughly discussed and finalized by the Chairman and members of the SAC. After the meeting the field activities of the KVK were reviewed by the committee.

National Workshop on Rainfed Farming Systems Program

A National Workshop on Rainfed Farming Systems Program under 12th FYP: Evolving an Operational Framework was organised at CRIDA, Hyderabad for 2 days during 14th – 15th May 2013 jointly by CRIDA, Revitalising Rainfed Agriculture (RRA) Network through WASSAN with funding from FAO to evolve an approach to design rainfed farming systems program under the 12th Five Year Plan. The workshop was attended by representatives from Planning Commission, Ministry of Agriculture, National Rainfed Area Authority, ICAR, Govt of Andhra Pradesh, WASSAN, NISTADS-CSIR, NGOs and consultants. The discussions were centered on synthesizing the emerging innovative experiences on rainfed farming systems across the country, evolving institutional and operational mechanism(s) for facilitating convergence of schemes and program framework.



Director CRIDA interacting with participants of workshop

Consultation on Use of Steel Basic Slag in Agriculture

A one-day consultation meeting on "Prospects and Limitations of Using Basic Slag in Agriculture" was held at CRIDA, Hyderabad on 8th June 2013 to identify issues associated with use of basic slag (processed steel slag) in agriculture and to identify suitable locations, crop and situations for undertaking further research work on basic slag. Altogether 21 delegates from ICAR institutes, Agricultural Universities; HARSCO India Pvt Ltd, Hyderabad and their international representatives; JSW Steel, Bellary have participated in the meeting and deliberated various issues on use of basic slag. Major recommendations of the meeting were (i) In reporting the effect of basic slag on yield enhancement (ii) Awareness on constraints in utilization of basic slag in agriculture (iii) Setting specifications for steel slag for its use in agriculture and horticulture, and (iv) Generate extensive field data on efficacy of steel slag.

IRC meeting

IRC meeting was held during 20-23 May and 22 & 24 June 2013 under the Chairmanship of Director, CRIDA. Eighty nine institute and externally funded ongoing projects were presented and progress was reviewed. Seven new projects were approved by the Chairman. 13 projects concluded and 10 projects were extended. The Chairman advised the scientists to align the research programmes to XII Plan priorities to restrict the number of experiments and collect quality data for modeling.

NATIONAL INITIATIVE ON CLIMATE RESILIENT AGRICULTURE (NICRA)

NICRA Expert Committee meeting

The seventh meeting of the Expert Committee of Sponsored/Competitive Grants component was held at CRIDA, Hyderabad during **January 12-13, 2013**. The meeting was chaired by Dr YP Abrol and co-chaired by Dr MM Pandey, DDG (Engineering) & I/c DDG (NRM). Dr YP Abrol, Chairman welcomed all the members and informed the background of NICRA Project and the importance of sponsored/competitive grants component. Dr MM Pandey, DDG (Engg.) & NRM recalled the launch of NICRA and its good progress and impact at field level. Dr B. Venkateswarlu, Director, CRIDA and Dr M. Maheswari, PI, NICRA gave a brief overview on the progress of the project as a whole till date and the sponsored component in particular. This meeting was primarily convened to examine the possible budget neutral extension of projects by the committee. Thereafter the formal agenda was taken up.

High Level Monitoring Committee meeting

Fourth High Level Monitoring Committee meeting was held under the Chairmanship of Dr S Ayyappan, DG, ICAR at DG's Committee Room, Krishi Bhawan, New Delhi on **6th March, 2013**. The meeting was organized to review the progress of the ongoing NICRA project and to discuss the outline of the NICRA platform for XII Five Year Plan. Dr B. Mohan Kumar, ADG (A&AF) and Member-Secretary, presented the Action Taken Report on the proceedings of the third meeting of HLMC of NICRA held on July 5th 2012 at NASC Complex, New Delhi. Dr AK Sikka, DDG (NRM) welcomed the members of the committee and explained about the progress of the project under the major theme areas of network research, sponsored and competitive grants component and technology demonstration. He mentioned about the key milestones achieved by the project during the last six months. Dr B. Venkateswarlu, Director, CRIDA presented an overview of progress of the project till date and enumerated the significance of NICRA project. Dr. M. Maheswari, Principal Investigator has made a detailed presentation of the research component and highlighted the significant



High level monitoring committee meeting

progress in the last two years, viz., and identification of 100 promising lines of major crops for drought, heat and submergence tolerance. Based on the deliberations, the specific action points emerged are noted and recorded in proceedings.

Review of sponsored / Competitive Grants projects of NICRA

The review meeting of CGC projects of NICRA was held at CRIDA, Hyderabad during **25-26 April, 2013**. The meeting was chaired by

Dr. B. Venkateswarlu, Director, CRIDA and Co-chaired by Dr. M. Maheswari, PI, NICRA. Dr. B. Venkateswarlu, Chairman welcomed all the PI's and associates of the projects and explained about the importance of CGC component in NICRA. This meeting was convened to examine the technical progress and expenditure incurred by the participating institutes. He explained about the scope of three important issues viz., advancing science, technology applied and model replicability to be emphasized in each project. Dr. M. Maheswari, PI, NICRA gave overview of NICRA covering the progress of CGC projects and identified the future technical programme of each project.

Consultation on Strategic Research Component in Horticultural sector

The consultation meeting of all the centers under horticulture theme area was organized at CRIDA, Hyderabad on **07.6.2013** to review the progress of work, and to finalize the technical programme for XII plan. The meeting was chaired by Dr. N.K. Krishna Kumar, DDG (Hort.), ICAR, New Delhi. Dr. B. Venkateswarlu, Director, CRIDA presented the objectives and achievements of NICRA in the XI plan. He explained about the future thrust areas of NICRA in XII plan. Dr. M. Maheshwari,



Consultation in progress

PI-NICRA enumerated the priorities of horticulture in NICRA. The Chairman in his remarks emphasized that horticultural crops are more vulnerable to climate change and therefore, need more attention. He appreciated the efforts made under NICRA so far to tackle the impact of climate change on Indian agriculture. He mentioned that the staggered mango flowering is very serious issue and should be addressed in a focused manner with timeline. The PI's and Co-PI's of different participating institutes (IIHR, Bangalore, NRC- Citrus, IIVR, Varanasi, and ICAR-RCER Ranchi) presented the progress of research under NICRA project. The general, DDG (Horti) appreciated the progress made by all partners of NICRA.

Second Annual Workshop of NICRA

The Second Annual Workshop of NICRA was held during **17-19th June, 2013** at IARI, New Delhi. The workshop was inaugurated by Dr. S. Ayyappan, Secretary, DARE & DG, ICAR on 17th June, 2013. Nearly 250 delegates participated in the workshop that discussed the progress achieved and priorities for the XII Plan. Dr. B. Venkateswarlu, Director, CRIDA made a presentation on NICRA outlining the current state of progress and the road map in the inaugural session. He said some specific products/processes are emerging from the project based as research carried out in XII Plan and emphasized for more priority

for the project in XII Plan. More than 15 publications including books, brochures & CDs were released during the occasion.



Release of publications during inaugural session

All the DSDGs, Chair and experts of NICRA Technical Committee have actively participated in the workshop and chaired various technical sessions. The best performing VCRMCS were felicitated by Hon'ble DG during the occasion. The workshop was organized in eight technical sessions on various theme areas viz., natural resource management, crop improvement, technology demonstration, horticulture, livestock, fisheries and socio economic impacts. A special session was held to draw up the XII Plan priorities in which the following areas were identified for focus under strategic research. In the plenary session chaired by DG., ICAR, Director CRIDA presented the Summary of the deliberations and major recommendations particularly the priorities for XII Plan.

NEWS FROM AICRPs

14th working group meeting of AICRPDA

The 14th working group meeting of AICRPDA was held at CRIDA, Hyderabad during 11-12, June 2013. Dr B.Gangwar, Director, PDFSR, Modipuram, and Dr.N.Nadarajan, Director, IIPR, Kanpur were guest of honour during the meeting. Dr. Gangwar emphasized on Integrated Farming Research (IFS) centred Research and development in Rainfed regions to address the risks of the Rainfed farmers.

Dr Nadarajan emphasized that duplication of research between crop, AICRPs and AICRPDA should be avoided. The coordinators should invariably attend the meetings of each others' annual workshop. AICRPDA should primarily focus on rain water management and farm mechanization. Dr B. Venkateswarlu, Director, CRIDA suggested for resizing the technical program for measurable research and out

come. Dr.GR.Maruthi Sankar, Incharge P.C. presented the research highlights for 2012-13 across centres. During the meeting 22 AICRPDA centres and 8 ORP's presented the research progress including the work taken up under Tribal Sub Plan. The technical program for 2013-14 was finalized.



Release of publications during inaugural session

PARTICIPATION IN MEETINGS / SEMINARS / SYMPOSIA

Dr. K. Sammi Reddy, Principal Scientist delivered an invited lecture at the Brain Storming Session on "Phosphorus Cycle: Sustainable Management of Resources, Food Security and Environment" organized by Indian Nitrogen Group, UNEP at New Delhi during 18-19 January 2013.

Dr.B.Venkateswarlu was invited for lead paper presentation on "Technology dissemination for Climate resilient agriculture" in National Seminar on Futuristic Agricultural Extension for Livelihood Improvement and Sustainable Development held at ANGRAU, Hyderabad during January 19-21, 2013. Dr.K.Nagasree and Dr. K.Ravishankar presented the research papers in the seminar.

Drs B Venkateswarlu, Director; K. L. Sharma, Principal Scientist & NF; K. Sammi Reddy, Principal Scientist and C. A. Rama Rao, Principal Scientist have participated in Re-Searching Rainfed Agriculture (ResRA) Workshop organized by RRA Network of India at Center for Economic and Social Studies (CESS), Hyderabad during 25-26 January 2013.

Dr. K. Sammi Reddy, Principal Scientist, participated in the First International Conference on "Bio-Resource and Stress Management" held at Science City, Kolkata during 6-9 February 2013.

Dr.G.R.Maruthi Sankar, I/C project coordinator presented lead paper in National conference on crop improvement and adaptation strategies to meet challenges of climate change during 22-24 February, 2013 at UAS, Bangalore.

Dr G.Ravindra Chary, Principal Scientist (Agronomy) presented a lead paper on " Rainfed Agriculture in India" during The National Workshop on changing land use and Environmental implications under emerging economic and climatic scenario in India and developing a database and methodology during 1-2, March 2013 at GIDR, Ahmedabad.

Dr.Meenakshi grover participated in ICAR -National Workshop on "Foresight and Future Pathways of Agricultural Research through Youth in India" from 1-2nd March, 2013 at NASC, New Delhi

IMPORTANT VISITORS

Visitors	Date	Visitors	Date
25 Participants of NIRD International Training Programme	16.01.2013	10 member scientific delegation from Ethiopia	13.03.2013
30 trainees from Liberia, Kenya and Malawi	14.02.2013	100 ARS Probationers of 97 th FOCARS, NAARM	23.03.2013
Dr. A.K. Sikka, DDG (NRM), ICAR, New Delhi	21.02.2013		

GUEST LECTURES

A guest lecture by **Dr. Ajit Tyagi**, Director General (Retd.), IMD, New Delhi on “**Climate Services for Indian Agriculture**” was delivered on 07.05.2013 as a part of the faculty improvement programme of CRIDA.

VISITS ABROAD

Dr. P. Vijaya Kumar participated in the Inception workshop of the project entitled “**Improving the robustness, sustainability, productivity and eco-efficiencies of rice systems throughout Asia**” at University of Peradeniya, Sri Lanka, during 30-31 January, 2013 and the third training workshop of SAARC-Australia project on “**Developing capacity in cropping systems modeling to promote food security and the sustainable use of water resources in south Asia**” at SAC, Dhaka, Bangladesh during 10-14 March 2013.

Dr.B.Venkateswarlu, Director,CRIDA participated in the South Asia CCAFS work plan meeting in Bangladesh during 26-28 February,2013 on behalf of ICAR.

Dr.B.Venkateswarlu, Director ,CRIDA participated in the High Level Meeting on National Drought Management Policy(HMNDP) at Geneva during 11-15 March,2013 and presented country paper from India on drought management.

Dr. M. Osman visited Jordan and participated in the **Launch Meeting of Dryland Systems (CRP.1.1)** at Amman, Jordan during 21-23 May, 2013 organized by ICARDA.

Dr. Ch. Srinivasarao, Principal Scientist (Soil Science) participated and presented a research paper “**Carbon balance with village level climate resilient technology interventions in 100 vulnerable districts of India**” at Global Carbon Conference at University of Wisconsin, Madison, USA during 2nd to 7th, June, 2013.

HUMAN RESOURCE DEVELOPMENT

Training programme on “Organic Farming and Rainwater Harvesting”

The training programme on was Areas sponsored by Tobacco Board, Guntur and organized by TOT Section, CRIDA during 02-08 January 2013. The participants were appraised of the various rainfed agriculture technologies, rainwater harvesting, ground water recharge & supplemental irrigation, design of appropriate pumps for lifting water from farm ponds, concepts and Principles of Organic Farming, GIS & RS application, micro irrigation technologies, etc.

Advanced training program on DSSAT-rice model

The program was conducted during 17-21 January 2013 at CRIDA, Hyderabad for the Scientists of AICRPAM centers. The participants were trained in assessing the impact of climate change and taking the output of various climate models and model ensembles as inputs for impact studies.



Interaction with participants

KVK activities

A total of 19 programs were conducted by the KVK during the period and participated by about 522 personnel including rural youth, practicing farmers, rural women, agricultural extension personnel etc. The major focus in these trainings was on organic vegetable cultivation, watersheds, vegetable and fruits preservation, nutritional security for rural women, SRI cultivation, innovative horticulture, animal husbandry and crop production technologies.

SERB School

DST sponsored First SERB School on “**Agrometeorological Aspects of Extreme Events**” was organized at CRIDA, Hyderabad during 1-21 May 2013. Participants representing 15 states attended the training program. Faculty has been drawn from prestigious institutes in subject viz. IIT, IARI, INCOIS, NCMRWF, CCMACS, IITM, IMD and State Agricultural Universities. Dr. SSC Sheno, Director, Indian National Centre for Ocean Information Services, Hyderabad was the Chief Guest during the course, Participants were exposed to the facilities of various organizations involved in forecasting of different Extreme Events.



Various events of SERB school

FORTHCOMING EVENTS

Title of the event	Duration
Summer School on “Agroforestry as a strategy for adaptation and mitigation of climate change in rainfed areas”	04-24 September 2013
Model Training Course on “Impact of Climate Change in Rainfed Agriculture and Adaptation Strategies”	September 26-October 3, 2013
Stakeholders consultation on Knowledge Management for Climate Resilient Agriculture	October 18-19, 2013
Short Course on “Adaptation and Mitigation Strategies for Climate Resilient Agriculture”	22-31 October 2013
Model Training Course on “Mechanization in Dryland agriculture”	November 19-26, 2013
Training Programme on Climate Resilient Agriculture - NICRA	December 3-9, 2013

For details please visit: www.crida.in and www.nicra-icar.in

AWARDS AND RECOGNITION

- Dr.Kausalya Ramachandran have been awarded a copyright for the Methodology for post facto assessment of Watershed projects in India under a registration no L-45448/2013.The copyright registration certificate was awarded on January,9,2013.

Best Paper presentations

The following papers of CRIDA scientists were adjudged as the best presentations in the National Symposium on “Climate Change and Indian Agriculture: Slicing Down the Uncertainties” organized from January 21-22,2013.

Mitigation options for climate change through Biofuel production and usage in India	I.Srinivas and G.Rajeshwar Rao
Spectral and spatial properties of rice brown plant hopper and groundnut late leaf spot disease infestation under natural field conditions.	M.Prabhakar, Y.G. Prasad, S. Desai and M. Tirupathi
Use of ICT tools for dissemination of weather based agro advisories: A critical analysis.	K. Nagasree, K. Ravi Shankar, Sreenath Dixit, B. Venkateswarlu, A.V.M. SubbaRao and Vijay jesudasan
Reference crop evapotranspiration over India: A comparison of estimates from open pan with Penman-Monteith method	B. Bapuji Rao, V.M.Sandeep, P.Shanti Bhushan Chowdary, V.P.Pramod and V.U.M. Rao.

- CRIDA's Annual Report for the year 2011-12 was adjudged as the Best Annual Report in the large Institutes category of ICAR. Director, Dr B. Venkateswarlu received the award from Prof. M. S. Swaminathan on 19th March 2013 during the ICAR Director's Conference.



Director CRIDA receiving award

- CRIDA was adjudged Best Institute for the year 2011 in recognition of the best performance in Implementation of the Official Language Policy of the ICAR Institute's in Region 'C',.
- Dr.K.Srinivas Reddy, Principal Scientist (Soil & Water Conservation Engg.) received award of Best Scientist in



Dr.K.S.Reddy receiving the award

Agriculture discipline for the recognition of the work on Rain water harvesting and its upscaling in State of Andhra Pradesh by the agricultural Telugu monthly 'Rytu Bandhu'. The award was given by Sri M Prasad Kumar, Hon'ble Minister for Textiles and Handlooms, Govt. of Andhra Pradesh on 23.06.2013 in Hyderabad.

- Dr Y G Prasad, Principal Scientist (Agricultural Entomology), CRIDA has won the prestigious **Dr D Bap Reddy Memorial Award** by the Plant Protection Association of India for his work in Integrated Pest Management for the period of 2010 to 2012.
- Dr M. Prabhakar, Principal Scientist (Agricultural Entomology), CRIDA was declared as the **Fellow of the Plant Protection Association of India**

INFRASTRUCTURE DEVELOPMENT

First of its kind facilities in the country are coming up at CRIDA for climate change research. These include phenotyping platform, CTTC, T-FACE and lysimeters. Most of these are likely to become functional in latter half of 2013. As part of ICT facilities development at the Centres, videoconferencing facility was provided at 13 AICRPDA centers viz. Arjia, Agra, Ballawal Sankuri, Chianki, Jagdalpur, Indore, Phulbani, Rakh Dhiansar, Rewa, Rajkot, S.K.Nagar and Varanasi. For

the remaining centres, this facility is provided at AICRPAM centres which are located at same place as a common facility. With this all locations with AICRPDA/AICRPAM Centres are connected to CRIDA through video conferencing. This is one of the first facility in the ICAR where all cooperating centres are connected to the main institute for regular monitoring. Dr. N. Ravi Kumar, Senior Scientist (IT) is coordinating this activity at CRIDA.

PERSONNEL INFORMATION

Transfers/Joinings/Promotions

Name	Transferred/Joined	Date w.e.f
Dr. Reshma Shinde Scientist (soill Science)	Transferred to Ranchi centre of the ICAR Research Complex for Eastern Region, Patna	April,2013
Smt. J. Suseela Devi	Joined as UDC (on deputation) from CTRI	30-03-2013
Shri. M.A. Sarath Chandran	Joined as Scientist (Agril. Meteorology)	12-04-2013
Dr. Ch. Srinivasa Rao	Joined as Project Coordinator (Dryland)	28-06-2013

Name	Transferred/Joined	Date w.e.f
Dr. S. M. Vidyasekhar	Promoted to T-9	03.02.2013
Dr.D. Anantha Rao	Promoted to T-9	03.02.2013
Shri T. Madhusudhana Swamy	Promoted to T-9	03.02.2013
Dr. Shaik Haffis	Promoted to T-9	03.02.2013
Shri K. Shankar	Promoted from T-1 to T-2	12.12.2012

Our Hearty Congratulations to all of them

Retirements

Name	Designation	Effective date
Shri Abdul Azeem	SSS	31.01.2013
Shri K.R. Srinivasa Rao	AAO	28.02.2013
Shri M.Shankaraiah	SSS	28.02.2013
Smt B.Mallamma	SSS	28.02.2013
Shri M. Laxminarayana	T.1	31.03.2013
Dr. B.M.K. Reddy, (VRS)	Sr. Scientist	30.04.2013

Name	Designation	Effective date
Shri B.Dhanunjaya	T.5	30.04.2013
Dr. G.R. Korwar	Head, DRM	31.05.2013
Shri R. Joseph	T.9	31.05.2013
Shri Dasaratha Rami Reddy	T.9	30.06.2013
S.Veeradas	T.5	30.06.2013

Our best wishes to them for happy and peaceful retired life

Obituary : Shri K.Sambasiva Rao, Technical Officer T-5, passed away on June 30,2013. All the CRIDA staff deeply mourn and express their condolences to the bereaved family.

CULTURAL AND WELFARE ACTIVITIES

Sports meet

CRIDA participated in ICAR South Zone Sports Meet at I.I.H.R., Bangalore during February 7-11, 2013 and won gold medal in Table Tennis (men) consecutively for 6th time. The team consisted of Mr. K. Surender Rao, (Captain), Dr. Y.G. Prasad Dr. N.N. Reddy, Dr. G. Rajeswara Rao and Dr. K.S. Reddy. Ms. DGM Saroja.T-3 won gold medal in Chess.

Republic Day

CRIDA celebrated 62nd Republic Day on January 26, 2013 with enthusiasm and gaiety. Director hoisted the National flag and addressed the gathering. On the occasion, eleven members of CRIDA staff who completed 25 years of service were honoured with Certificates by the Director. He motivated the staff with his message to work with dedication and boost institute's growth on progressive path and its contribution to ICAR mandate.



Published by : Dr.B.Venkateswarlu, Director, CRIDA

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 Dr. K. Ravishankar, Sr. Scientist

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BOOK-POST

To _____
