

JNKVV NEWS

Official Newsletter of
Jawaharlal Nehru Krishi
Vishwa Vidyalaya, Jabalpur



Annual Workshop of All India Coordinated Small Millets Improvement Project



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The Annual Workshop of All India Coordinated Small Millets Improvement Project (ICAR) was organized at JNKVV, Jabalpur from May 3-5, 2013 under the chairmanship of Hon'ble Vice Chancellor, JNKVV, Jabalpur, Prof. V.S. Tomar and honoured with gracious presence of Dr. R.P. Dua, Assistant Director General (FFC), ICAR as Chief Guest. Dr. A. Seetharam, Ex-Project Coordinator (Small Millets), Dr. M.V.C. Gowda, Project Coordinator (Small Millets), Dr. P. Chandra, Director, Central Institute of Agricultural Engineering, Bhopal, Dr. N.T. Yaduraju, Former Director, National Research Centre for Weed Science, Jabalpur and Dr. S.S. Tomar, Director Research Services, JNKVV, Jabalpur were among eminent dignitaries who blessed the event with their precious views.

In the inaugural session, Prof. V.S. Tomar, Vice Chancellor, JNKVV, Jabalpur highlighted the importance of small millets in the light of nutritional and medicinal competence and emphasized on increase in the area, production and productivity of small millets.

Dr. R.P. Dua, ADG (FFC), ICAR showed concern on decrease in area of these crops and insisted upon keeping in pace with Government policies for increase in production of these nutri-cereal crops.

Dr. P. Chandra, Director, CIAE, Bhopal, discussed recent advances and progress in processing equipments and post harvest technologies of these crops.

Dr. S.S. Tomar, Director Research Services, JNKVV, Jabalpur emphasized on development of integrated nutrient management module for these crops to attain satisfactory productivity.

About 150 scientists from all corners of the country participated and reciprocated their findings and views on small millets. The meet came out with the concrete solutions to the problems and final technical plan for *Kharif* 2013-14. Major issues of these crops were discussed in four sessions on exploration and conservation of germplasm, development of varieties, plant protection technologies and crop husbandry.

ACADEMIC ACTIVITIES

- **RAWE:** To acquaint with the life of village and gain experience on the application of agricultural technologies, 250 (75 girls and 175 boys) final year undergraduate students of Agriculture and Forestry of all the constituent colleges viz., Jabalpur (87+27), Rewa (64), Tikamgarh (40) and Ganjbasoda (32) were placed to work with host farmers of 30 adopted villages under the supervision of various Krishi Vigyan Kendras and Zonal Agricultural Research Stations during 2013-14 .



PLACEMENT CELL

- In all 105 students of the University have been selected by various organizations through campus interview, in addition to this, 65 students were selected in ATMA programme of Govt. of Madhya Pradesh.
- Total 86 students of the University have passed JRF, GATE and other competitive examinations for higher studies.

RESEARCH ACTIVITIES

New Varieties Identified

Two varieties of soybean viz., JS 20-29 and JS 20-34 were identified in the 43rd Annual Group Meet of AICRP on Soybean held at Assam Agricultural University, Jorhat (Assam) from 1-3 May, 2013:

- **JS 20-29:** An early maturing (95 days), high yielding (25-30 q/ha), multiple resistant (yellow mosaic virus, charcoal rot, blight, bacterial pustule, leaf spots, stem fly, stem borers and defoliators) variety suitable for double cropping rainfed situation and inter cropping. It possesses excellent germinability and longevity.
- **JS 20-34:** An extra early maturing (87 days), high yielding (22-25 q/ha), multiple resistant (charcoal rot, blights, bacterial pustule, leaf spots, stem fly, stem



JS 20-29



JS 20-34

borers and defoliators) variety suitable for low and medium rainfall, light to medium soils, upland conditions, intercropping and to enhance cropping intensity. It possesses excellent germinability and longevity.

New Projects Sanctioned

Six *ad hoc* projects worth Rs. 485.95 lakh have been sanctioned by the Government of Madhya Pradesh (4) and Government of India (1):

- Strengthening of Instructional Infrastructure, Demonstration of Technologies and Knowledge and Skill Up-gradation of Farmers and Farmwomen in Tribal Districts of Madhya Pradesh. PI: Dr. T.R. Sharma, Senior Scientist (Horticulture), Directorate of Extension Services, JNKVV, Jabalpur, financed by ICAR, New Delhi, financial outlay: Rs. 26.72 lakh (2013-14).
- Establishment of DNA Finger Printing Laboratory at JNKVV Jabalpur. PI: Dr. Sharad Tiwari, Incharge Director, Biotechnology Centre, JNKVV, Jabalpur, financed by Government of Madhya Pradesh under Mandi Board as one time grant of Rs. 200.00 lakhs.
- Survey, Collection and Conservation of Wild Traditional Agricultural Cultivars of Vindhya Plateau of Madhya Pradesh. PI: Dr. Gynendra Tiwari, Assistant Professor (Plant Physiology), College of Agriculture, Ganj Basoda (Vidisha), financed by Department of Farmers Welfare and Agriculture Development, Bhopal under Rashtriya Krishi Vikas Yojana, financial outlay: Rs. 7.70 lakhs.
- Network Project on Marketing Intelligence. PI: Dr. P.K. Awasthi, Professor, Department of Agricultural

Economics & Farm Management, Jabalpur, financed by ICAR, New Delhi, duration: 3 years 9 months, financial outlay: Rs. 35.94 lakhs.

- Certificate and Diploma Course in Agri-Business Management (M.B.A.). PI: Head, Department of Agricultural Economics & Farm Management, JNKVV Jabalpur, sanctioned as one time grant of Rs. 200.00 lakhs by Government of Madhya Pradesh under Mandi Board.

- Evaluation and Utility of Direct Application of Gypsum and its Mixture with Low Grade Rock Phosphate, Feldspar, Vermi-compost, Poultry Manure and Cow-dung in different Crops of Vindhyan Plateau of Madhya Pradesh. PI: Dr. S.R.S. Raghuwanshi, financed by FAGMIL (GOI), Jodhpur (Rajasthan), financial outlay: Rs. 15.59 lakh, duration: 3 years.

EXTENSION

- Prof. V. S. Tomar, Vice Chancellor, Dr. S.S. Tomar, Director Research Services and Dr. P.K. Bisen OSD, College of Agriculture, Waraseoni visited Rana



Hanuman Singh – KVK, Balaghat, on 15 May, 2013 to monitor the ongoing activities of the KVK.

- In all 18 Scientific Advisory Committee (SAC) meetings were organized to review the progress and finalize Annual Action Plan of KVKs.

- Mega scheme to sustain the double digit productivity rate in the State was launched on 19 June, 2013 in which 5000 farmers were selected at each KVK of the University.

- Krishi Vigyan Kendras Review Meeting cum Technological Backstopping was organized from 21-23 May, 2013 at Directorate of Extension Services, JNKVV, Jabalpur.

- For implementation of skill development, 19 KVKs have imparted trainings on vermi composting, seed production, oyster mushroom cultivation, gardener, production technology of oilseed and pulses, medicinal plants and basic computers and MS Office.

- KVK Tikamgarh has developed a nutrition garden to create awareness regarding availability of fruits and vegetables throughout the year for supplementation of essential vitamins and minerals in the daily diet.

- KVKs of the University were endowed to serve as “Vocational Training Provider” in agriculture and allied subjects by MP Council of Vocational Education and Training through Department of Farmer Welfare and Agricultural Development, Madhya Pradesh.

FARM

- In the Annual Farm Review Meeting of financial year 2012-13 held from 12-13 May 2013, the financial status, availability and disposal of seeds, implementation of plan and planning of seed production of individual farm were discussed and finalized.

- During *Kharif* 2013, 7594.5 q Breeder Seed of 36 varieties was distributed whereas, 7943.90 q Breeder Seed of 56 varieties of *Rabi* crops was produced.

EVENTS

- The Directorate of Extension Services organized a Workshop on Planning Strategies for Social and Economic Development in Tribal Districts of M.P. on 13 April, 2013 to check the migration of tribal people through agricultural and allied activities.

- Dr. S.P. Tiwari, Former Deputy Director General (Education), ICAR, New Delhi and Ex-Vice Chancellor, Swami Keshwanand Rajasthan Agricultural University, Bikaner delivered a lecture



entitled "Meeting the Challenges in Higher Education specially in State Agricultural Universities" on 12 July, 2013 at College of Agriculture, Jabalpur.

- The Extension Education Institute, Anand (Gujarat) Organized a Workshop on Human Resource Development at Directorate of Extension Services, JNKVV, Jabalpur from 25-27 April, 2013.

MEETINGS

- Prof. V.S. Tomar, Vice Chancellor and Dr. P.K. Mishra, Director Extension Services participated in



the Zonal Workshop of KVKs functioning under Zone –VII during 21-23 June 2013 at DRI, Chitrakoot.

- Advisory Body Meeting of Agro-Economic Research Centre for Madhya Pradesh and Chhattisgarh was held on 16 May 2013 under the chairmanship of Hon'ble Vice Chancellor, JNKVV, Jabalpur, Prof. V.S. Tomar in the presence of Dr. B.S. Bhandari, Adviser, Department of Agriculture and Cooperation, Ministry of Agriculture, Government of India, New Delhi to review the work done during the first year of 12th Five Year Plan.

HUMAN RESOURCE DEVELOPMENT

- **International Exposure:** Dr. S.K. Shrivatava, ADR (HQ), Dr. Keerti Tantuwai, Scientist (Biotechnology), College of Agriculture, Jabalpur and Dr. Vijay Yadav, Associate Professor (Plant Pathology), College of Agriculture, Ganj Basoda (Vidisha) visited NARO Agriculture Research Centre at Tsukuba (Japan) under Research, Planning and Discussion Trip Programme of JICA from 12-17 May, 2013.
- **Participation in National Training Programme:** Dr. Ashish Gupta, Scientist, AICRP on Sub Tropical

Fruits, Rewa attended training on Recent Trends in Educational Technology for Quality Learning from 1-10 June, 2013 under ICAR short course at Bihar Agricultural University, Sabor, Bhagalpur (Bihar).

RECOGNITION AND AWARDS

- **Best Research Centre Award at National Level:** All India Coordinated Forage Improvement Project, College of Agriculture, Jabalpur has been recognized as Best Research Centre of All India Coordinated Research Project on Forage Crops during the



workshop held on 10-11 May, 2013 at Assam Agricultural University, Jorhat. The team consists of Dr. A.K. Mehta, Dr. S.K. Billaiya and Dr. Amit Jha.

- **Best Paper Awards at National Level:** Dr. Dharendra Khare received the Best Paper Award on the paper entitled Effect of raised bed planting method on seed producibility and sowing seed quality of soybean on Vertisols under heavy rainfall and Dr. M.S. Bhale on Utilization and identification of genetic resources of hybrid rice to combat climate resilient disease of hybrids and parental lines under Kaymore Plateau Zone of MP during XIII National Seed Seminar organized by Indian Society of Seed Technology from 8-10 June, 2013 at UAS, Bangalore.

PERSONALIA

- Dr. Pramod Kumar Mishra, Director of Instructions took over the additional charge of Director Extension Services, JNKVV, Jabalpur (M.P.) on 16 April, 2013.

FORTHCOMING EVENTS

- 18th Annual Group Meet of AICRP on Chickpea is scheduled on 24-26 August, 2013.
- National Group Meet (*Rabi* 2013-14) of AICRP on Forage Crops is scheduled on 7-8 September, 2013.