



उत्तमा वृत्तिस्तु कृषिकर्मैव

# SKRAU NEWS

A Newsletter of Swami Keshwanand Rajasthan Agricultural University, Bikaner

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No. I

## Western Regional Farmers' Fair

The Western Regional Farmers' Fair on the theme of 'Water Saving Technologies for Sustainable Agriculture' was inaugurated by Sh. Radha Mohan Singh, Hon'ble Union Minister of Agriculture and Farmers' Welfare GoI in the presence of Sh. Arjun Ram Meghwal, Hon'ble State Minister of Finance and Corporate Affairs, GoI, Dr. Prabhu Lal Saini, Minister of Agriculture and Animal Husbandry, GoR, and other dignitaries. About 128 exhibition stalls of ICAR institutes, SAUs, Govt. Departments, NGOs, seeds, fertilizers, insecticides, tractors and agriculture implement companies were put up. Around 15,000 farmers, farm women and extension functionaries participated in various



Sh. Radhamohan Singh addressing at Farmers' Fair

activities like farmer-scientists interaction, crops, fruits, vegetables, flowers and animal related competitions and progressive farmers and farm women were awarded.

## Establishment of Directorate of Land Scaping and Revenue Generation

Directorate of Land Scaping and

Revenue Generation has newly been established by upgrading the Land Shape Cell of SKRAU in the month of May, 2017. The objectives of this unit will be raising planting materials in Hi-tech Nursery, management of post harvest processing unit, developing of locale specific Farming System Models through inclusion of different enterprises like dairy, fisheries, poultry, rabbit rearing, vermi composting etc., a way ahead to enhance employment generation.

## MoU Signed

An MoU for three years was signed on April 24, 2017 between ICAR-Indian Institute of Soil Sciences, Bhopal and Swami Keshwanand Rajasthan Agricultural University, Bikaner to facilitate students' training / post graduate research.

## Pradhan Mantri Yuva Udyamita Vikas Abhiyan (PM-YUVA Yojana)

The PM-YUVA Yojana has been sanctioned to IABM for training agripreneurs and an Entrepreneurship Cell has been established at Institute of Agribusiness Management, SKRAU, Bikaner.

## Trainings, Seminars, Group Meets

- 5th National Seminar on Climate Resilient Saline Agriculture: Sustaining Livelihood Security was held at SKRAU, Bikaner during Jan.

21-23, 2017 in which 250 scientists, research scholars, technical staff and students participated.

- Two days Biennial workshop was conducted by All India Coordinated Research Project (AICRP) on Management of Salt Affected Soils and Use of Saline Water in Agriculture at ARS, SKRAU, Bikaner during Jan. 19-20, 2017 in which 50 scientists participated.
- Zonal Workshop on 'Use of Information and Communication Technology in Agriculture' was organized at ARS, Sriganganagar under ICT-AGRI project on March 17, 2017.

## International and National level Participation

**International:** Prof. Madhu Sharma, Director, DPME, SKRAU, Bikaner was invited as a Resource Person in a Workshop organized by Asian Productivity Organization, Tokyo, Japan at Dhaka, Bangladesh during April 23-27, 2017 and Dr. N. K. Sharma, Professor (Agrostology) and OSD & Technical Advisor to VC attended 4th Stress Tolerant Orphan Legume meeting organized by the Kirkhouse Trust, UK during June 27-28, 2017 at Arusha, Tanzania.

**National:** 53 scientists of the university participated in various Seminars, Conferences, Symposium, Trainings and Group Meets.



## Completion of Horticulture Supervisor Training Course

One year Horticulture Supervisor Training course for the year 2016-17 was completed in June 2017 where participants were conferred with certificates by Prof. B. R. Chhipa, Hon'ble Vice-Chancellor, SKRAU, Bikaner and Prof. P. L. Nehra, Director DEE blessed them to become agripreneurs in the field of horticulture during the Valedictory Function.

## SKRAU, Bikaner participated in GRAM-Kota-2017 (May 24 - 26, 2017)

The major attractions of SKRAU exhibition stall were value added products of pearl millet like, cake, biscuits, kurkure etc. and '*Water Productivity Model*' developed by scientists of SKRAU, Bikaner which were appreciated by the visitors.

## Scientific Advisory Committee (SAC) Meetings

The SAC meeting of all the seven KVKs under SKRAU, Bikaner were held in the month of March, 2017 in which the progress report of preceding year and action plan for the forthcoming year were presented by all the Programme Coordinators.

## Research Accomplishments

### Technologies recommended for Zone 1c

- Streptocycline 500 ppm (seed soaking) + Streptocycline 250 ppm + copper oxy chloride (0.2%) first spray at disease appearance and second at 15 days interval is effective against management of bacterial leaf blight in cluster bean.
- In rainfed areas, sowing of clusterbean at 60 cm row spacing followed by earthing by hand plough or running wheel hoe at 25 and 35 DAS is

beneficial for moisture conservation and sustaining the yields.

- T. harzianum + P. fluorescens seed treatment (4 + 4 gm./kg seed) + soil application of T. harzianum + P. fluorescens (1.25 + 1.25 kg) in 50 kg FYM each/ha.) is effective for management of root rot of mothbean.
- Integrated nutrient management for pearl millet, the application of 75% of RDF + PSB + Azospirillum culture (200-250 ml/ha) + 5 t FYM/ha gave significant increase in the grain, straw yield, net return and B:C ratio.
- For management of weeds in groundnut crop, 600 ml. imazithapyr + pendimethaline (2 + 30% pre mix company made) should be applied as pre emergence (moist soil and bright sunshine are primary condition for its effectivity) with 125 lit. of water/Bigha.

## Outreach to the Farmers

- Total 2567 farmers, farm women, rural youth and field functionaries were benefitted through 106 trainings conducted by different KVKs of SKRAU, Bikaner.
- Five training programs of two days each were conducted in the month of Feb. and March, 2017 at ARS, Sriganaganagar for 210 rural youth and mushroom growers.
- ICT Campaigns were organized at 4 Kisan Seva Kendra (KSK) to deliver technical information about field crops and use of ICT tools in agriculture in which 500 farmers and 150 women were benefitted.
- One day Farmer Scientist Interaction Meet cum Field Day on Soil Test Based Balanced fertilization was organized by

STCR, ARS, Bikaner on Jan. 23, 2017. Total 60 farmers attended this training programme.

- 120 FLDs of Groundnut (G-2 and G-3) and 40 on Pearl Millet were distributed to selected farmers under AICRP of new variety seed by ARS, Bikaner.
- Nine training programmes were conducted by ARS, Bikaner on micro irrigation and protected cultivation in which 606 farmers were benefitted under RKVY GKMS project at Chattargargh, Banswara, Dungarpur, Khajuwala and ARS, Bikaner.
- A one day Research-Extension-Farmers Interface on cotton was organized by Dr. B.S. Meena, CCPI under the project e-kapas network on March 27, 2017 at ARS, Sriganaganagar.
- Two days Farmer Scientists Interface Workshop was held at ARS, Bikaner during Feb. 15-16, 2017 with the participation of 35 farmers.
- 350 demonstrations were laid out in 146 ha land area in which 145 demonstrations were laid out for Oilseeds on 60.0 ha, 125 demonstrations were laid out for pulses on 50 ha and remaining 80 demonstrations were laid out on 36.0 ha for other crops.
- 95 visits of scientists to farmers' field, 83 print media news coverage, 77 lecture delivered in other programs of extension, 20 Kisan Goshti, 15 Field Days, 13 Film Shows along with other activities like Kisan Mela (3), Extension Publications (25), Diagnostic Services (2), Farmer Scientist Interaction (2), Exhibition (2), Farmers' Meetings (6), Radio Talk, OFT, Exposure Visit of farmers, SHGs, TTC club through which 15, 617 participants were benefitted in the reporting period.



## Publications

There were eleven publications by the staff and students in reputed international and national journals and Souvenir in the reporting period.

## Visit of Dignitaries on ARS, Sriganganagar

- QRT team members Dr. H. P. Singh, Ex-DDG (Hort.), Dr. Matura Rai, Ex-Dir., ICAR-IIVR, Varanasi, Dr. A. K. Mehta, Ex-ADG (Ext. Edn.), ICAR, Dr. N. Kumar, Ex-Dean, TNAU, Dr. S. Kumar, Ex. P. S. (Pl. Patho.), ICAR-NRC, Litchi, Dr. P. L. Saroj, Director ICAR-CIAH, Dr. B. D. Sharma, P.S. ICAR-CIAH visited the Date Palm Research Centre, ARS, Bikaner.
- Dr. D. K. Yadav, ADG (Seed) ICAR, New Delhi monitored the experiments of RKVY project on April 24, 2017.

## Students' Activities

- *February 5-8, 2017* - Students participated in West Zone Inter-University Table Tennis (Men and Women) Tournament 2016-17 held at Gujarat University, Ahmedabad, Gujarat.
- *February 22-25, 2017* - 27 students of the university participated in 17th All India Inter Agricultural University Youth Festival 2016-17 held at Rajasthan University of Veterinary and Animal Sciences, Bikaner.
- *March 24-29, 2017* - 17th All India Inter Agricultural Universities Sports and Games Meet 2016-17, was organized by CCS Haryana Agricultural University, Hissar, Haryana in which total 42 students of the university participated.
- *May 3-4, 2017* - Inter Collegiate Youth Festival (Gorbandh)

organized by the Directorate of Students' Welfare, Bikaner. Seven events namely, group song (Indian), mime, skit, one act play, group dance (folk), group song (Indian), debate, and cartooning were held in order to develop the personality of students of College/ Institute.

- *June 16-21, 2017* - A six day *Yoga Shivar* was organized at SKRAU Campus Bikaner with the active participation of university staff and students.
- *March 22-28, 2017* - National Social Service (NSS) Camp was organized by the College of Agriculture and College of Home Science, Bikaner in their adopted villages and other regular activities were conducted by the NSS units of the Colleges in the reporting period.

## Celebration of Events by Students

College of Home Science organized and celebrated the events like, Swach Bharat Rally, International Mahila Diwas, Nukad Natak on Importance of Girls, Consumer Day, Rajasthan Diwas, Exhibition cum competitions for women whereas in College of Agriculture, Bikaner Inter house Cultural Activities (March 16-18, 2017), Annual function, fine arts, literacy and theatre events (May 23, 2017) took place. Management Week was organized in IABM during Feb 28 to March 1, 2017 and Annual Function was held on March 22, 2017.

## Students' Achievements

**Placement of the students:** Hundred per cent students of Institute of Agri Business Management from the batch (2015-17) got placements in reputed companies. From the College of Agriculture, Bikaner, 6 students were selected as AO, 5 as ARO, 2 as

ASO in banks, 1 as field trainee in KRIBHCO, 6 as AARO. Similarly, 5 students from College of Home Science, Bikaner got selected for the post of school lecturer through RPSC.

**Students qualifying NET :** 13 students from College of Agriculture

**Student Research:** Total 20 M.Sc. Thesis in Faculty of Agriculture, 02 in Home Science and 06 in Agri Business Management while Ph. D. thesis that were approved were 05 in Faculty of Agriculture, 01 in Home Science and 04 in Agri Business Management in the reporting period.

The number of teachers accredited in the period reported upon were 03 in Faculty of Agriculture and one in Home Science.

## New Leadership

- Dr. I. M. Verma, the first Director of Directorate of Land Scaping and Revenue Generation (May 6, 2017)
- Dr. P. L. Nehra, as Director of Research (June 30, 2017)
- Dr. B. S. Yadav, Director DPME (June 22, 2017)
- Dr. R. S. Yadav, Director, HRD (June 30, 2017)
- Dr. S. L. Godara, Director Students' Welfare (July 4, 2017).
- Prof. Vimla Dunkwal, Dean PGS (June 30, 2017)
- Dr. R. S. Yadav, Director Human Resource Development (June 30, 2017).
- Dr. P. S. Shekhawat, Zonal Director Research, ARS, Bikaner (July 3, 2017).
- Dr U. S. Shekhawat, Zonal Director Research ARS, Sriganganagar (Jan. 1, 2017).

## Retirement

- Sh. Manjeet Singh, Associate Professor (English) ( Jan. 31, 2017)



- Dr. D. P. Singh, Professor (Agricultural Economics) (Feb.28,2017)
- Dr. I. J. Gulati, Professor and Dean COA (Soil Science) (May 31,2017)
- Dr. Govind Singh, Professor and Dean COA (Biotechnology) (June 30,2017)
- Dr. N. S. Yadava, (June 30, 2017).

### Other Activities

- Toll Free number service (1800-1206-448) activated at SKRAU, Bikaner through on line software related to students and farmers enquiry system from March, 2017 and SKRAU Telephone Directory- 2017 released on April 11, 2017.
- 17th Vice Chancellor's Running Trophy was organized by University Sports Board for Non-teaching staff during January 10-13, 2017 at University Stadium in which various indoor and outdoor games and sports were included.

### Award and Honours bestowed

- Prof. B. R. Chhipa, Hon'ble Vice Chancellor, Swami

Keshwanand Rajasthan Agricultural University, Bikaner was awarded the prestigious 'Sardar Vallabh Bhai Patel Puruskar' by Hon'ble President, Republic of India, Sh. Pranab Mukherjee at Rashtrapati Bhawan, New Delhi on May 30, 2017.



Prof. B. R. Chhipa receiving the award

- Dr. Dasharath Prasad, Assistant Professor (Agronomy) received 'Best Popular Article Award' as co-author at 29th Foundation Day of ICAR- Central Agro-forestry Research Institutes, Jhansi on May 8, 2017.

- Dr. Veer Singh, Professor and Head, Department of Entomology, College of Agriculture, Bikaner received 'Reviewer Excellence Award-2016' for the Indian Journal of Agricultural Research and Legume Research- An International Journal.
- Dr. Vijay Prakash, Professor (PBG), ARS, Sriganganagar was felicitated for outstanding contribution in development of chickpea varieties and Dr. N.K. Pareek, Asstt. prof. ARS, Bikaner for dissemination of Agro advisory Bulletins and development of agro techniques for the benefit of farmers by District Administration on the Republic Day, 2017 and received Certificates.



*Take risks in your life, if you win; You may Lead, if you loose; you may guide*  
- Swami Vivekanand

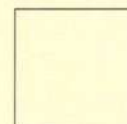
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### BOOK-POST

To, \_\_\_\_\_  
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