



Zonal Agri-News

(A Newsletter from ICAR-ATARI, Jabalpur)

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January - March, 2017

ICAR-ATARI organizes Exhibition on International Women Day Programme in Madhya Pradesh Vidhan Sabha

An Exhibition was jointly organized by ICAR-ATARI Jabalpur and Women and Child Development Department, Madhya Pradesh on occasion of International Women's Day on March 8, 2017. The exhibition was based on theme 'Nutrition for women and child' to sensitize the public representatives on importance of nutrition and its role in overall health of family members. The exhibition was inaugurated by Hon'ble Chief Minister of Madhya Pradesh Sh. Shivraj Singh Chouhan which has participation of 25 Krishi Vigyan Kendras from Madhya Pradesh. Dr Anupan Mishra Director ICAR-ATARI, Jabalpur briefed the Hon'ble Chief Minister, Sh Sitasharan Sharma, Speaker Madhya Pradesh Vidhan Sabha

and Smt Archana Chitnis Minister for Women and Child Development about KVK initiatives in providing nutritional security to women and children.

The Cabinet and State Ministers, Members of Legislative Assembly and officials of different departments of MP Govt. visited the KVK Stalls. During the programme 'Nutritional Calendar' jointly developed by ICAR-ATARI Jabalpur and Women and Child Development Department, Madhya Pradesh was also released by the Hon'ble Chief Minister Sh. Shivraj Singh Chouhan. KVKs of ICAR-ATARI, Jabalpur displayed posters and value added products, organic products, processed food products.



Shri Radha Mohan Singh Hon'ble Union Minister of Agriculture, inaugurated KVK Durg

An additional Krishi Vigyan Kendra Durg was inaugurated on 27 January, 2017, by Hon'ble Union Minister of Agriculture Shri Radha Mohan Singh in presence of Hon'ble Chief Minister of Chhattisgarh Dr. Raman Singh, Sh. Brij Mohan Agrawal, Minister of Agriculture, animal husbandry, fishery and water resources Govt of Chhattisgarh, Hon'ble ministers from Govt of Chhattisgarh, Shri Ramesh Bais, Hon'ble Member of Parliament, Raipur, Dr. S.K. Patil, Hon'ble Vice-Chancellor, IGKV, Raipur, Sh. Ajay Singh, APC, Chhattisgarh, Dr. Anupam Mishra, Director, ICAR-

ATARI, Jabalpur, Dr. M.P. Thakur, Director Extension, and other dignitaries were present during this ceremony. A National Agricultural Fair is being organised at Raipur from 27-31 January 2017 showcasing technologies by KVKs, IGKV, Raipur, various ICAR institutes. Shri Radha Mohan Singh dwelt upon various pro farmer initiatives of Union government like doubling of farmers income, availability of market facilities through National Agriculture Market, neem coated urea for regular availability of fertilisers, soil testing and distribution of Soil Health Cards to farmers etc



Exhibition by KVKs from ICAR-ATRAI, Jabalpur in Gramodaya Mela at Chitrakoot

Gramodaya Mela was organized at Chitrakoot during February 24-27, 2017 as part of celebrating the birth centenaries of great social reformers Nanaji Deshmukh and Deendayal Upadhyaya. The KVKs from Madhya Pradesh, Chhattisgarh and Odisha under ICAR-ATARI Jabalpur participated in the three day exhibition at Chitrakoot. The KVKs exhibited the latest technologies in agriculture, value added products and craft material during the exhibition. The exhibition was visited by several distinguished dignitaries and guest which included Hon'ble Governor of Haryana Sh. Kaptan Singh Solanki, Hon'ble Union Minister of

Panchayati Raj, Rural Development, Drinking Water and Sanitation Sh. Narendra Singh Tomar, Hon'ble Union Minister of State, Ministry of Micro, Small and Medium Enterprises Sh Giriraj Singh, Hon'ble Union Minister of State for Skill Development and Entrepreneurship Sh. Rajiv Pratap Rudy, Sh. Rajendra Shukla, Hon'ble Industry Minister M.P. Govt., Smt Archana Chitnis Hon'ble Minister of Women and Child Development M.P. Govt., Dr A. K. Singh, DDG (Agril Extension) ICAR. Farmers from Madhya Pradesh and Uttar Pradesh participated in the exhibition and one day seminar cum Kisan Sangoshti organized on the occasion

Visit of Dignitaries to KVK exhibition stall in Gramodaya Mela



Hon'ble Governor of Haryana Sh. Kaptan Singh Solanki at KVK stall



Sh. Narendra Singh Tomar, Hon'ble Minister for Rural Development



Sh. Giriraj Singh, Hon'ble Union Minister for State at KVK Stall



Dr A K Singh, DDG (Agril. Extension) at KVK exhibition stall

Workshop on Agriculture for Nutrition and Nutritional Awareness Organized by ICAR-ATARI, ZoneVII at Bhopal

A two days workshop on "Agriculture for Nutrition & Nutritional Awareness" was organized on January 9-10, 2017 at Bhopal by ICAR-ATARI, Zone-VII, Jabalpur & Women & Child Development Department (Madhya Pradesh). In the inaugural Session Shri Gauri Shankar Bisen, Minister for Agriculture and Farmer Welfare, Madhya Pradesh said that the nutritional security exists in locally available food material there is need to explore and make the societies aware about its consumption and yoga. Smt. Archana Chitnis, Minister, Women & Child Development, Madhya Pradesh announced to developed one nutritional smart village in each block of Madhya Pradesh for dissemination of traditional and scientific knowledge among society. She also assured that nutritional calendar will be provided to each family for increasing level of nutritional education. Sri Surya Prakash Meena, Minister, Horticulture & Food Processing, Madhya Pradesh committed for all kind of support for production and processing of vegetable and fruits for nutritional security. The objectives and outlines of the workshop was presented by Dr. Anupam Mishra, Director, ICAR-ATARI, Zone-VII, Jabalpur. The gathering was also addressed by Sri P. C. Meena, Agriculture Production Commissioner, Sri Rajesh Rajora, Principal Secretary, Agriculture, Smt, Pushplata Singh, Commissioner, ICDS, Smt. Jayshri

Kiyawat, Commissioner, Women Empowerment, Sri R. K. Rokde, Director, Animal Husbandry, Sri Mohan Lal Meena, Director, Agriculture, Madhya Pradesh.



Secretary DARE and DG ICAR inaugurated Interface on Agriculture for Nutrition at ICAR-ATARI, Jabalpur

Hon'ble Secretary DARE & Director General, ICAR, New Delhi Dr. Trilochan Mohapatra inaugurated an Interface on 'Agriculture for Nutritional Security' on 8.2.2017 organised at ICAR-ATARI, Jabalpur in presence of Prof.V.S. Tomar, VC, JNKVV, Jabalpur, Prof.P.D. Juyal, VC, NDVSU, Jabalpur, Prof. Kapil Deo Mishra, VC, RDVV, Jabalpur, Dr. Anupam Mishra, Director, ICAR-ATARI, Jabalpur. Higher officials from Government of Madhya Pradesh viz; Smt. Pushpalata Singh, Commissioner, ICDS, Bhopal, Smt Jayashree Kiyawat commissioner, Commissioner, Women empowerment, Bhopal, Project officers of ICDS, Assistant directors agriculture, Scientists from KVKs also participated in the programme. Dr. A.P.J. Abdul

Kalam Conference hall of ICAR-ATARI, Jabalpur was inaugurated by the dignitaries.

Dr. Trilochan Mohapatra emphasised the importance of fortification in food as well as nutri gardens for nutrition secure nation. . Dr. Anupam Mishra highlighted various initiatives of KVKs of ICAR-ATARI Jabalpur towards fulfilling nutritional requirements through joint efforts of agriculture and allied departments. An Exhibition was also organized by KVKs from Madhya Pradesh to sensitize the mass on the nutritional security through nutri-rich agriculture vis-à-vis nutrition literacy for inclusion of the same in the daily diet.



National Review Workshop on Cluster Frontline Demonstrations of Oilseeds organised at IGKV, Raipur during 17-18 February 2017

Two days National Review Workshop on Cluster Frontline Demonstrations of Oilseeds organised at IGKV, Raipur from 17-18 February 2017 was inaugurated by Shri Ajay Singh, Additional Chief Secretary and Agril Production Commissioner, Govt of Chhattisgarh in presence of Prof. S.K. Patil, VC, IGKV, Raipur, Dr. V. P. Chahal, ADG, AE, ICAR, New Delhi, Dr. Anupam Barik, Addl Commissioner (Oilseeds), DAC, GoI, Dr. Anupam Mishra, Director, ICAR-ATARI, Jabalpur, Dr. M. P. Thakur, DES, IGKV, Raipur, Directors of ATARIs, DEEs, Scientists from ATARIs, Senior scientists and Heads of KVKs.

Prof. S.K. Patil emphasised the need to work towards breaking yield barriers in oilseeds through innovations and make oilseeds farming profitable. Shri Ajay Singh asked KVKs to demonstrate economic viability of oilseed crops through research, extension, market and policy interventions. Dr. Anupam Barik presented state-wise progress of demonstrations. Dr. V. P. Chahal complemented KVKs for their work. Dr. Anupam Mishra asked KVKs to work in convergence mode and focus on soil testing and aahar linking of beneficiaries.



Dr. A.K. Singh, DDG, AE, ICAR, New Delhi graced the valedictory function of the workshop. He lauded the efforts of KVKs in increasing production of oilseeds and pulses in the country. 10 KVKs presented

their achievements and action plan. Directors and Scientists from eight ATARIs presented the progress report and action plan for Cluster Frontline Demonstrations of Oilseeds in KVKs.

Agri Industry Meet organised at KVK Neemuch by ICAR-ATARI, Jabalpur

A two day Agri Industry Meet was organised at KVK Neemuch during 11-12 January 2017 by ICAR-ATARI, Jabalpur. The programme was inaugurated by Smt Avantika Ji, Chairman, Zila Panchayat, Neemuch, Dr.V. Mahajan, Director, ICAR-DOGR, Pune, Dr. Anupam Mishra, ICAR-ATARI, Jabalpur, Dr. S. K. Srivastava, DES, RVSKVV, Gwalior. Smt Avantika Ji asked farmers and entrepreneurs to utilise vast opportunities in agril and allied sector for income and employment generation especially women farmers. Dr. Anupam Mishra, ICAR-ATARI, Jabalpur in his address asked the participants to make use of this platform for gainful employment and entrepreneurial opportunities in agril and allied sector. Dr. V. Mahajan, in his address emphasised on cooperative farming for full utilisation of resources and mechanisation. Shri V L Kanta Rao, Principal

Secretary, MSME, govt of Madhya Pradesh informed participants to make use of government facilities and schemes and also contribute in agro processing zone to be established in the Mandsaur. Officials from NABARD explained the opportunities and scope for cashless transaction in agriculture.

Dean, college of Horticulture, Mandsaur, Scientist from ICAR NRC Pomegranate, Entrepreneurs, Agro industrialists, Progressive farmers, Bank officials, Mandi board officials, Line department officials etc were also present on the occasion. The meet deliberated on opportunities and constraints face by agro based enterprises, policy support, and researchable issues. Directors and scientist from ICAR institutes presented technological and entrepreneurial opportunities in agriculture and allied sector.



Four University Level Review Workshop of Cluster Demonstration on Oilseed and Pulses organised by ICAR-ATARI, Jabalpur

University level review workshops for cluster demonstration of pulses and oilseeds were organised by ICAR-ATARI, Jabalpur. KVKs presented progress of demonstrations in the workshop. The review workshop for JNKVV KVKs was organised on –

January 2017 whereas for KVKs of RVSKVV Gwalior on 27 January 2017. Cluster Demonstrations progress of KVKs from Chhattisgarh were reviewed on 23 January 2017 at IGKV, Raipur and for Odisha KVKs the review was on 24 January 2017 at OUAT, Bhubaneswar.

Technology Demonstration Component under NICRA by KVKs

NICRA is operational in 17 KVKs of Zone VII.

- Under Natural resources Management Module, a total of 930 farmers benefited covering area of the 186.66 ha area in all activities. Though total 79 demonstrations were conducted focusing on in-situ moisture conservation, water harvesting and recycling for supplemental irrigation, improved drainage in flood in prone areas, etc.
- Under Crop Production module, a total of 1413 farmers benefited and covered 518.62 ha area focused on drought tolerant varieties, Short

duration varieties, Crop diversification, Integrated crop management etc. on wheat, gram and vegetable crops.

- Under Livestock and fisheries module, a total of 2177 farmers benefited through covering 5179 animals and birds focusing the preventive vaccination, de-worming of animals and animal health camp and 11.7 ha area were covered.

- Under Institutional interventions, in custom hiring through various implements - Rotavator, multi crop thresher and seed drill, etc. 783 farmers were benefitted and it covered 346.6ha area.
- Under Capacity Building, total 71 training courses were organized benefiting 1836 participating farmers.
- As Extension Activity, a total of 249 activities were organized benefiting 4041 farmers.

Cluster Demonstration on OILSEEDS

Cluster Demonstration on Oilseeds conducted in 70 KVKs ATARI Jabalpur in Rabi Season. In which 7755 demonstration conducted in 3102 ha area. The major oilseed crops which is covered under rabi season are Linseed, Rapeseed & Mustard, Sesamum, Sunflower and Groundnut. In Chhattisgarh under Linseed crop 286ha area covered where as 450ha area covered by Rapeseed and Mustard and 60ha area demonstrated in sesame crop. In Madhya Pradesh 520ha area covered under Rapeseed mustard where as 260ha

area covered by Linseed crop. Where as in Odisha 726ha area covered by Groundnut and 460ha area covered by Rapeseed Mustard as well as 220ha area covered by sesame crop and 120ha area covered by sunflower crop. All the demonstrations done based on GPS based farmer selection, soil test based fertilizer application, IPM and IDM. Major sowing methods adopted are Line sowing, Broad bed, Dibbling, Ridge & Farrow are adopted.

Cluster Demonstrations of Rabi Pulses 2016-17 under NFSM

During Rabi 2016-17 demonstrations have been conducted in area of 3679.96 ha through 8493 demonstrations. Out of these coverage area in blackgram is 200 ha through 556 demonstrations, chickpea is 1638.56 ha through 3699 demonstrations, fieldpeas 290 ha through 765 demonstrations, green gram is 1000.4 ha through 2285 demonstrations, lentil is 420 ha through 919 demonstrations, Lytharus is 76 ha through 171 demonstrations and pigeonpea is 55

ha through 98 demonstrations. The demonstration are been implemented through 82 KVKs. The major technological intervention includes seed treatment, GPS based soil testing, improved varieties, soil test based fertilizer application, pre emergence of application of herbicides, improved method of sowing such as raised bed planting, ridge & furrow, line sowing with ferti-cum seed drill etc.



KMA Activities:

Around two million farmers were covered through mobile advisories by 100 KVKs through 1298 messages comprising the subjects of crop, livestock, marketing, awareness etc. in the Zone VII during the

quarter January to March 2017. All KVKs under this directorate are now using farmer portal for sending the messages.

| No. of Calls | No. of farmers Covered | No. of Messages (Text) | Type of messages | | | | | |
|--------------|------------------------|------------------------|------------------|-----------|---------|-----------|-----------|------------------|
| | | | Crop | Livestock | Weather | Marketing | Awareness | Other enterprise |
| | 1827154 | | | | | | | |



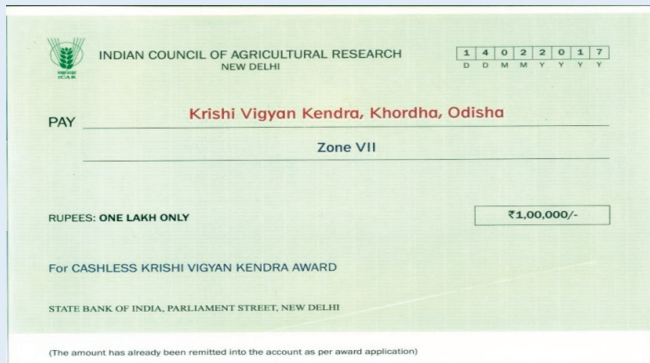
Mahindra Samridhi India Agri Award 2017 and Pandit Deen Dayal Upadhyay Krishi Vigyan Protshahan Puraskar (National) 2015-16 to KVK Kanker



Pandit Deendayal Upadhaya Rashtriya Krishi Protshana Puraskar, KVK Mayutbhanj-I

Dr. A. A. Raut, Scientist (AE) Awarded as Young Scientist by the Society of Human Resource and Innovation during National Conference on Advances

in Global Research in Agriculture and Technology held at Agra during March 19-20 2017.



Cashless KVK Award to KVK Khordha and KVK Bhopal on 14 February 2017 by Indian Council of Agricultural Research, New Delhi



ICAR- Agricultural Technology Application Research Institute, Zone VII, Jabalpur

Zonal Project Directorate was upgraded to Institute and renamed as Agricultural Technology Application Research Institute (ATARI) upon approval of Twelfth Plan in July 2015.

Zonal Project Directorate, Zone VII was upgraded in March 2009 which was earlier known as Zonal

Coordinating Unit. It was established on 11th September, 1979 under Cess Fund in the campus of Jawaharlal Nehru KrishiVishwaVidyalaya at Jabalpur, Madhya Pradesh to monitor the activities of 107 KVKs comprises of three states namely Madhya Pradesh, Chhattisgarh and Odisha.

KVKs in Agricultural Technology Application Research Institute, Zone VII, Jabalpur

Agricultural Technology Application Research Institute, Zone VII, Jabalpur monitors activities of 101 KVKs in the three states namely Madhya Pradesh, Chhattisgarh and Odisha.

Table-1: KVKs across the three state in the ATARI, Zone VII

| State | No. of District | Details of KVKs | | | Total |
|----------------|-----------------|-----------------|----------|----------|------------|
| | | SAU | ICAR | NGO | |
| Chhattisgarh | 27 | 20 | - | - | 21 |
| Madhya Pradesh | 50 | 39 | 1 | 7 | 47 |
| Odisha | 30 | 31 | 2 | - | 33 |
| Total | 107 | 90 | 3 | 7 | 101 |

DIRECTORS DESK

Dear Colleagues,

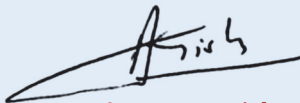
KVKs under this directorate are working hard to facilitate the farmers with bleeding-edge knowledge and cutting-edge agro-technologies, providing need-based vocational training to rural youth, farmers and farm women engaged in agriculture and allied activities in three states of Madhya Pradesh, Chhattisgarh and Odisha. In fact, KVKs are guiding farmers in proper decision making and technological application through group approach in convergence with the available developmental agencies in systematic manner.



Exhibition on International Women Day Programme in Madhya Pradesh Vidhan Sabha was organised on theme 'Nutrition for women and child' to sensitize the public representatives on importance of nutrition. The exhibition was inaugurated by Hon'ble Chief Minister of Madhya Pradesh Sh. Shivraj Singh Chouhan in presence of Sh Sitasharan Sharma, Speaker Madhya Pradesh Vidhan Sabha and Smt Archana Chitnis Minister for Women and Child Development. The Cabinet and State Ministers, MLAs and officials of MP Govt. visited the KVK Stalls. An additional KKV Durg was inaugurated by Hon'ble Union Minister of Agriculture Shri Radha Mohan Singh in presence of Hon'ble Chief Minister of Chhattisgarh Dr. Raman Singh, Sh. Brij Mohan Agrawal, Minister of Agriculture, animal husbandry, fishery and water resources Govt of Chhattisgarh, Shri Ramesh Bais, Hon'ble Member of Parliament, Raipur. The exhibition organized at Chitrakoot as part of celebrating the birth centenaries of great social reformers Nanaji Deshmukh and Deendayal Upadhyaya was visited by Hon'ble Governor of Haryana Sh. Kaptan Singh Solanki, Hon'ble Union Minister of Panchayati Raj, Rural Development, Drinking Water and Sanitation Sh. Narendra Singh Tomar, Hon'ble Union Minister of State, Ministry of Micro, Small and Medium Enterprises Sh Giriraj Singh, Hon'ble Union Minister of State for Skill Development and Entrepreneurship Sh. Rajiv Pratap Rudy, Sh. Rajendra Shukla, Hon'ble Industry Minister M.P. Govt., Smt Archana Chitnis Hon'ble Minister of Women and Child Development M.P. Govt., Dr A. K. Singh, DDG (Agril Extension) ICAR. A workshop on "Agriculture for Nutrition & Nutritional Awareness" was inaugurated by Shri Gauri Shankar Bisen, Minister for Agriculture and Farmer Welfare, Madhya Pradesh, Smt. Archana Chitnis, Minister, Women & Child Development and Sri Surya Prakash Meena, Minister, Horticulture & Food Processing, Madhya Pradesh. Hon'ble Secretary DARE & Director General, ICAR, Dr. Trilochan Mohapatra inaugurated an Inteface on 'Agriculture for Nutritional Security' and Dr. A.P.J. Abdul Kalam Conference hall of the institute. National Review Workshop on Cluster Frontline Demonstrations of Oilseeds was organised at IGKV, Raipur. Agri Industry Meet was organised at KVK Neemuch for farmers and entrepreneurs to utilise vast opportunities in agril and allied sector for income and employment generation.

Various programmes like National Initiative on Fodder Technology Demonstration, Technological Demonstration for Harnessing Pulse Productivity, Tribal Sub Plan, and National Initiative on Climate Resilient Agriculture are running in selected KVKs of this directorate. TSP is operational in 24 KVKs located in tribal region of Madhya Pradesh and Chhattisgarh. Various climate resilient activities under the modules of Natural resources, Crop production, Livestock and Fisheries, Institutional Interventions, Capacity building and Extension activities are being carried out in 17 KVKs.

I sincerely thank the editorial team for their efforts in bringing out this issue of Newsletter. My word of appreciation for Programme Coordinators and staff of KVKs in Zone VII for their tremendous efforts and initiatives taken for better performance and serving farming community efficiently through mandated activities of KVKs.


(Anupam Mishra)

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