



Zonal Agri-News

(A Newsletter from Zone IX)

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Quinquennial Review Team Meeting of ICAR-ATARI Jabalpur and Kanpur

The Second Meeting of Quinquennial Review Team Meeting of ICAR-ATARI Jabalpur and Kanpur was held at SVPUAT Meerut on October 18-19, 2019 under the Chairmanship of Dr. Gaya Prasad, Ex-VC, SVPUA&T Meerut. The meeting was attended by QRT members Dr. Mathura Rai, Former Director ICAR-IIVR Varanasi, Dr. Y.P.S. Dabas, Ex-DES, GBPUA&T, Pantnagar and Dr. OP Singh, Ex-DES, SVPUA&T Meerut, Dr. S.R.K. Singh,

Principal Scientist, ATARI Jabalpur. The QRT team review the progress of 13 KVKs of SVPUAT, Meerut and visited IVRI KVK Bareilly. Dr. Gaya Prasad, Chairman QRT in his address stated that the purpose is to see the KVK activities are transforming the lives of people in the area. KVKs should work to promote the nutrition dense food production system among farmers in the region.



The Third Meeting of Quinquennial Review Team Meeting of ICAR-ATARI Jabalpur and Kanpur was held at BUAT Banda on November 13-16, 2019. During November 13-14, 2019 the QRT team review the progress of seven KVKs under BUAT, Banda

including KVK Chitrakoot and visited KVK Banda and Hamirpur. During November 15-16, 2019 the QRT team review the progress of 23 KVKs under CSAUAT, NGOs and Educational Institutes followed by visits of KVK Kanpur Dehat.



The Fourth Meeting of Quinquennial Review Team Meeting of ICAR-ATARI Jabalpur and Kanpur was held at ANDUAT, Ayodhya on December 3-6, 2019. All members of QRT visited KVK Gonda on December 3, 2019. The KVKs presented the salient report of the activities done by the KVK at ANDUAT, Ayodhya on December 4-5,

2019. The QRT Chairman, Member and Member Secretary (Dr. Anupam Mishra, Director, ATARI, Jabalpur) interacted with the Hon'ble VCs, Comptrollers and Director of Extension of the CSAUAT, Kanpur; NDUAT, Ayodhya; SVBPUAT, Meerut and BUAT, Banda at IISR, Lucknow on December 6, 2019.



8th IMC Meeting of ICAR-ATARI, Jabalpur

The meeting of 8th Institute Management Committee (IMC) was held under the Chairmanship of Dr. Anupam Mishra, Director ATARI Jabalpur on October 4, 2019. The meeting was attended by members of IMC Dr. Ashok Kumar, ADG (Animal Health) ICAR New Delhi, Dr S. D. Billore, Pr. Scientist ICAR-IISR, Indore, Dr. Sabita Mishra, Pr. Scientist ICAR-CIWA, Bhubaneswar, Shri Vijay Patel, Farmer representative from Jabalpur along with Dr (Mrs) Om Gupta, DES, JNKVV, scientists and staff of ICAR-ATARI Jabalpur.

Director, ATARI Jabalpur presented the brief activities of ICAR-ATARI Jabalpur and briefed the member of the IMC about the infrastructural developments during the last year. The achievements were appreciated by the members of the IMC. The action taken report of the 7th IMC and agenda of the 8th IMC was presented by Assistant Administrative Office & Member Secretary of IMC. The proposed items in the agenda were approved by the IMC. The AF&AO presented the vote of thanks.



Hon'ble Cabinet Minister visited at KVK, Lahar

Hon'ble Minister Dr. Govind Singh, Ministry of Department of General Administrative, Parliamentary Affairs and Cooperatives in Government of Madhya Pradesh visited the Krishi Vigyan Kendra,

Lahar farm on dated 02-11-2019. Hon'ble Minister advised farmers for timely sowing of *Rabi* crops in the paddy field, they should adopt direct sowing of paddy in the field.



Training of newly Recruited SMS and Agromet Observer under GKMS/DAMU

This orientation training was jointly organized during 20-25 November, 2019 by ICAR-ATARI Jabalpur and IMD on "Preparation and dissemination of Agromet Advisories at Block level under Gramin Krishi Mausam Seva (GKMS) scheme" for SMS (Agromet) and Agromet observers of Krishi Vigyan Kendras in Madhya Pradesh and Chhattisgarh at ICAR-ATARI Jabalpur. The

objective of the training was to impart knowledge and skills among newly recruited Subject Matter Specialists (Agrometeorology) and Agromet Observers of the District Agromet Units (DAMUs) established across Madhya Pradesh (14) and Chhattisgarh (9).

During the six-days training programme, experts from

IMD, ICAR and JNKVV delivered lectures on various aspects related to guidelines for DAMUs along with roles and responsibilities DAMU staffs, Observation system and network of observatories, site of observatory and instruments with respect to agriculture, interpretation of weather forecasts issued from time-to-time by IMD, contingency crop planning, generation of agromet advisories based on crop phenology and methods of dissemination of the advisories to reach beneficiaries at block level. The trainees were given hands- on training on handling and maintenance of meteorological equipments, recording of data, generation and uploading of agromet advisories on Agromet-DSS portal.



Dr. Anupam Mishra, Director, ICAR-ATARI, Jabalpur, Dr. (Mrs) Om Gupta, DES, JNKVV, Dr. A. K. Baxla, Scientist IMD New Delhi, Ms Mamta Yadav, Scientist IMD Bhopal, Ms Bhawna, Scientist IMD Nagpur, Dr. K.K. Agrawal, Professor JNKVV, Dr. Manish Bhan Asst. Professor JNKVV, Dr. S.R.K. Singh, Pr. Scientist, ATARI, Dr. A.A. Raut Scientist ATARI and Shri K.S. Netam Joint Director (Agriculture), Jabalpur participated in the training course as resource persons and gave their input to the trainees. Total 22 participants from 15 DAMU units in Madhya Pradesh and Chhattisgarh participated in the training programme. Dr. A. A. Raut, Scientist and Nodal Officer of DAMU in ICAR-ATARI, Jabalpur co-ordinated the training programme.



Constitution Day Celebrated at ICAR-ATARI, Jabalpur

ICAR-ATARI, Jabalpur celebrated Constitution Day on November 26, 2019. During the programme Preamble was read by all the staff. The fundamental duties were also read and discussed by all the staff. Dr. S.R. K. Singh (Principal Scientist), Dr. A.A. Raut (Scientist), Shri S.K. Gupta (AAO), Shri A.K. Bhowal (PS to

Director), Shri R.K. Soni (Programme Assistant), Shri Ram Sandesh Gupta (LDC) along with ATARI Staff of the office were present during the programme.

The programme was organised by 75 KVKs and 2836 KVK Staff, RAWE students and farmers attended the programme.



Training of Trainer Programme for Master Trainer on Skill Training

“Training of Trainer (ToT) under Skill Training Programme” was jointly organized by JNKVV Jabalpur, ICAR-ATARI Jabalpur and ASCI for Master Trainer at KVKs in Madhya Pradesh and Chhattisgarh at JNKVV Jabalpur and ICAR-ATARI Jabalpur during 26-29th November, 2019. The objective of the training was to impart knowledge on domain and platform skill to Subject Master Trainer's of skill training programme at KVK's (65), SAUs (5) and ICAR institutes (3) across Madhya Pradesh (45) and Chhattisgarh (20).

During the three day training programme experts from ASCI gave lectures on various aspects related to guidelines for skill training programme along with roles and responsibilities of master trainers of skill training programme. The training was given for 29 Qualification Packs viz. mushroom grower, organic

grower, vermi-compost producer, small poultry farmer, medicinal plants cultivator, assistant gardener, animal health worker, soil & water testing lab analyst, forest nursery raiser, dairy worker, floriculturist – open cultivation, aquaculture worker etc.. The trainees were given hands on training, generation and uploading of basic information of master trainer- registration on Takshila portal/Skill India Portal, training centre registration, batch creation and candidate enrolment for RKVY, etc.. The trainees were briefed about role of trainer, skill ecosystem NSQF level description, qualification pack, training delivery plan.

Hon'ble Vice Chancellor JNKVV Dr. Pradeep Kumar Bisen graced the occasion as the Chief Guest. Dr. P.K. Mishra Director Research Services JNKVV, Dr. (Mrs) Om Gupta, Director Extension Services JNKVV, Dr. Dinkar Sharma, Joint Director Extension, Dr.

S.R.K. Singh Pr. Scientist, ICAR – ATARI Zone IX, Dr. A. A. Raut, Scientist ICAR – ATARI Zone IX and Shri Shyam Lal Navatia and Miss Shruti Singh from ASCI were present on this occasion as resource persons and gave their input to the trainees. Total 83 participants

from SAUs and KVK's in Madhya Pradesh and Chhattisgarh participated in the training programme. Dr. Archana Pandey, Scientist, Directorate of Extension Services JNKVV, Jabalpur coordinated the training programme.



Farm Innovator Researcher Meet organized at Raipur, Chhattisgarh

Organized two-days Innovative Farmer-Scientist Workshop at Indira Gandhi Agricultural University, Raipur, ICAR, IARI, New Delhi and ATARI, Jabalpur during 27-28 November, 2019. The Chief Guest of the programme was Dr. S.K. Patil, Hon'ble Vice Chancellor of IGKV, Raipur. Dr. Anupam Mishra, Director, ATARI, Jabalpur as Distinguished Guest. Dr. D.K. Marothia, Former Member of the State Planning Commission, Mr. Anand Mishra, Member, Indira Gandhi Agricultural University Management Board and Scientist of IARI, New Delhi. Dr. Manjeet Singh Nain and Dr. J.R. Mishra were also present. In this workshop, heads of all KVKs of Chhattisgarh, Senior Scientists, innovative farmers and Senior scientists and Heads and innovative farmers of seven KVKs of Madhya Pradesh participated. The exhibition were organized during this program also showcased the innovations being done by innovative farmers.

his address that farmers are doing research work at their level, but due to lack of proper guidance, their research is not being commercialized. This program is a platform for farmers, so that they can share their innovations with other farmers. Mr. Anand Mishra, Member, Board of Management, IGKV, Raipur, shared his long-term experiences. Dr. D.K. Marothia, Former Member, State Planning Commission, congratulated the Director, ATARI, for organizing this innovative farmer-scientist workshop. Giving the example of the father of the White Revolution in the country Sh Varghese Kurien he said that the technique should be spread from the farmers to the laboratory and every scientist should learn from the farmers. A cell should be formed at the state level. Dr. S.K. Patil in his inaugural address said that farmers are our flag bearers. Farmer brothers are not able to tell their innovations correctly and scientists are not able to understand the words of farmers correctly. At the end of the inauguration session, Dr. Arun Tripathi, Scientist gave the vote of thanks.

At the opening ceremony of the program, Director Extension Dr. S.C. Mukherjee welcomed the guests and participants. Dr. Anupam Mishra, Director, ATARI, Jabalpur stated in



World Soil Health Day Celebration in ICAR-ATARI, Jabalpur

World Soil Health Day 2019 was celebrated on December 5, 2019 in 80 KVKs of ATARI Jabalpur in Madhya Pradesh and Chhattisgarh. Exhibitions were organized by KVKs on this occasion including distribution of soil health card, displaying seeds, planting

materials and various soil health conservation technologies etc. KVKs received support from other line departments of State governments in organizing of World Soil Health Day Programme.

State	No. of KVK	No. of Farmers/Participants	No. of Soil Health Cards distributed
Madhya Pradesh	52	4536	1976
Chhattisgarh	28	2164	372
Total	80	6700	2348



Vigilance Awareness Week at ICAR-ATARI, Jabalpur

Vigilance Awareness Week was celebrated from October 28, 2019 to November 2, 2019 at ATARI Jabalpur. Pledge was taken by KVK staff and farmers for 'not taking and giving bribe in any form for any work'. During the programme the participants were briefed on fraudulent phone calls, messages etc. and encouraged for the cashless transaction but with alertness, taking tax invoice of purchased items, payment of road tax, income tax, property tax timely. Online pledge also taken by KVK staff.



Programme on Swachata Pakhwada at ICAR-ATARI, Jabalpur

Swachata Pakhwada was celebrated during December 16-31, 2019 at ICAR-ATARI, Jabalpur and KVKs in Zone. All the staff members took 'Swachata pledge' to devote some time for *Swachh Bharat Abhiyan*. Various activities like organizing cleanliness drive, sanitation campaign, *Swachata* awareness

rallies, digitization of office records/e-office implementation, disposing of old and junk material, technology demonstrations on agricultural technologies for conversion of waste to wealth, safe disposal of all kinds of wastes were conducted with participation of staff and farmers.



Farmer FIRST Programme under ATARI, Jabalpur

Farmer FIRST project is operational at seven centres under ATARI Jabalpur. During October-December, 2019 under crop based module, 410.26 ha area covered in 31 villages and 1413 households benefitted, under horticulture based module 35.902 ha area covered in 20 villages and 459 households benefitted and 1400 plants of rasbhari were distributed, under natural resource management, 530.43 ha area covered in 22 villages and 1395 households benefitted, under livestock based module total 7501 animals, birds and fish (197 Livestock, 7296 poultry) benefitted and 8 kg fish fingerlings, 40 Kg fish seedling distribution and 500 kadaknath poultry

vaccinated in 22 villages and 215 households benefitted, under enterprise based module, total 17 villages covered and 05 units of mushroom production, 05 units of Agro Processing Centres were established, 416 plants brooded by lac, 3 units of beekeeping, 12 units of kadaknath poultry, 54 units of vermicompost covered and 361 households benefitted, under IFS module, 16.07 ha area covered in 05 villages and 52 households benefitted, and under ICT based module, 968 messages delivered and 1925 telephonic calls and 3089 household benefitted in 31 Farmer FIRST project villages.



Technology Demonstration Component under NICRA by KVKs

NICRA is operational in 12 KVKs of Zone IX, of which 9 KVKs in Madhya Pradesh and 3 KVKs in Chhattisgarh. NICRA KVKs are making technological interventions under four modules.

- Under Natural Resources Management Module, a total of 441 farmers benefited covering area of the 108.80 ha area in all activities were conducted focusing on in-situ moisture conservation, Soil test based nutrient application and pitcher irrigation, vermi-compost making etc.
- Under Crop Production Module, a total of 972 farmers benefited and covered 380.20 ha area focused on drought tolerant varieties, Short duration varieties, Crop diversification, Integrated crop management etc. on Wheat,

Mustard, Barley and vegetable crops.

- Under Livestock and Fisheries Module, a total of 724 farmers benefited through covering 1175 animals and birds focusing the preventive vaccination, de-worming of animals and animal health camp and 15.50 ha area were covered.
- Under Institutional Interventions, in custom hiring through various implements - Rotavator, multi crop thresher and seed drill, etc. 683 farmers were benefitted covering 230 ha area.
- Under Capacity Building, total 43 training courses were organized benefiting 1109 participating farmers.
- As Extension Activity, a total of 82 activities were organized benefiting 1483 farmers.



Zonal Monitoring Committee of NICRA KVKs, ATARI, Jabalpur visited in M.P

Zonal Monitoring committee of ATARI, Jabalpur under NICRA Project lead by Dr. N. Sudhakar, Former, Director, ATARI, Hyderabad & Chairman along with Dr. Pradip Dey, Principal Scientist, ICAR-IISS, Bhopal, Dr. S.R.K. Singh Principal Scientist, ICAR-ATARI, Jabalpur and Dr. K.Ravishankar Principal Scientist, ICAR-CRIDA, Hyderabad visited three KVKs Tikamgarh, Chhatarpur and Satna in Madhya Pradesh during December 19-21, 2019.

At KVK Tikamgarh, ZMC visited the NICRA village Kanti, along with scientist of KVK and reviewed the work done under NRM, crop production, fodder production, use of slurry for

vegetable production, Biogas plant and Nutrition Garden, also interacted with the farmers of NICRA village. At KVK Chhatarpur, ZMC visited NICRA adopted village Sigravana Kala & Choukhda and monitored various interventions implemented. At KVK Satna, main focus of intervention was wheat variety JS 3288, breed up-gradation by murrah buffalo, seed bank, nutri-gardens, fruit plants using pitcher method of irrigation, farm pond, recharge of wells, goatary, etc. Zonal Monitoring committee gave valuable suggestions for further improvement and refinement of technologies as per the local needs.





Cluster Frontline Demonstrations of Oilseeds Rabi 2019-20 under NFSM

In Madhya Pradesh during Rabi 2019-20, under Mustard crop 340 ha area covered with 830 demonstration by using HVY variety, line sowing, and seed treatment technologies and in Linseed crop 150 ha area covered with 324 demonstration area covered by using improved variety with seed treatment and INM technologies.

Similarly in Chhattisgarh under Mustard crop 170 ha area covered with 382 demonstration using improved variety, line sowing and IPM technology. In Linseed 170 ha area covered with 400

demonstration using line sowing, seed treatment and IWM technology. In Safflower crop 30 ha area covered with 65 demonstrations and in Sunflower 30 ha area covered with 70 demonstration using line sowing technology. In an additional program on 150th Birth anniversary on Mahatama Gandhi's covering 3549 ha area with 7890 demonstration and 2310 ha area with 4811 demonstration in Mustard crop by using high yielding variety with seed treatment, RDF and line sowing technologies.



Cluster Frontline Demonstrations on Pulses Rabi 2019-20 under NFSM

In Madhya Pradesh, under cluster front line demonstrations on pulses, during rabi 2019-20, crop chickpea was demonstrated in 916.20 ha area with 2290 number of demonstrations using HVY variety, ridge furrow, broad bed furrow method of sowing, seed treatment and other improved technologies. While, crop field pea covered 70 ha area with 175 demonstrations by using improved variety with seed treatment, INM technologies and bio-fertilizers. Also, crop lentil and pigeonpea was demonstrated in 150 ha and 20 ha area with 375 and 50 farmers respectively, using improved variety, raised bed sowing, IWM, IPM, seed treatment with FIR and soil treatment with Trichoderma viride.

Similarly, in state Chhattisgarh, under crop chickpea 250 ha area was covered with 625 number of demonstrations using improved variety, line sowing, broad bed method of sowing and bio-fertilizers like PSB, Rhizobium and Trichoderma. While, crop field pea covered 130 ha area with 325 demonstrations using improved variety, line sowing, seed treatment and IWM technology. Also, crops lentil, laythrus and pigeonpea was demonstrated in 50 ha, 110 ha and 20 ha area with 125, 275 and 50 number of demonstrations respectively, using line sowing, improved variety with seed treatment, INM technologies and bio-fertilizers.



Kisan Mobile Advisory

Kisan Mobile Advisories in various thematic area in agriculture, horticulture, animal husbandry, fisheries, enterprise, home science weather are regular sent by KVKs to farmers in Madhya Pradesh and Chhattisgarh. More than two million farmers were covered through mobile advisories by 62 KVKs through 838 messages comprising the

subjects of crop, soil, livestock, farm mechanization, home science, marketing, awareness etc. in the Zone IX during October to December, 2019. All KVKs under this institute are using mkisan portal for sending their mobile advisory. All the mobile network of villages in Madhya Pradesh and Chhattisgarh are connected through KMA.

State	No. of village covered	No. of farmers Covered	No. of Messages (Text)	Topic of messages								
				Crop	Soil	Livestock	Weather	Marketing	Farm Mechanization	Home Science	Awareness	Other enterprise
M.P.	46877	2244456	608	325	53	56	59	16	9	23	32	35
C.G.	13895	1039940	230	152	7	24	15	1	1	13	12	5
Total	60772	3284396	838	477	60	80	74	17	10	36	44	40

Director's Desk

Dear Colleagues,

The ICAR-Agricultural Technology Application Research Institute (ATARI), Jabalpur is entrusted responsibility of coordination and monitoring of technology application and frontline extension education programs through Krishi Vigyan Kendras (KVKs) in Madhya Pradesh and Chhattisgarh.

The second meeting of Quinquennial Review Team Meeting of ICAR-ATARI Jabalpur and Kanpur was held at SVPUAT Meerut on October 18-19, 2019, third meeting of QRT held at BUAT Banda on November 13-16, 2019 and fourth meeting of QRT held at ANDUAT, Ayodhya on December 3-6, 2019 under the Chairmanship of Dr. Gaya Prasad, Ex-VC, SVPUA&T Meerut. The meeting of 8th Institute Management Committee (IMC) of was held at ATARI Jabalpur on October 4, 2019. Presented the brief of activities of ICAR-ATARI Jabalpur and briefed the IMC members about the infrastructural developments during the last year. The achievements were appreciated by the members of the IMC. Hon'ble Minister Dr. Govind Singh, Cabinet Ministry of Department of General Administrative, Parliamentary Affairs and Cooperatives in Government of Madhya Pradesh visited the Krishi Vigyan Kendra, Lahar farm on dated 02-11-2019. Dr. Kanhaiya Chaudhary, Ex Director (Spl Duty), ICAR, New Delhi visited Krishi Vigyan Kendra, IGNTU, Amarkantak on dated 07.11.2019.

Short Term Training Course was jointly organized by IMD and ICAR-ATARI Jabalpur on "Preparation and dissemination of Agromet Advisories at Block level under Gramin Krishi Mausam Seva (GKMS) scheme" for Subject Matter Specialists (Agromet) and Agromet observers of Krishi Vigyan Kendras (KVKs) in Madhya Pradesh and Chhattisgarh was organized at ICAR-ATARI Jabalpur during 20-25 November, 2019. ICAR-ATARI, Jabalpur celebrated Constitution Day on November 26, 2019. During the programme Preamble was read by all the staff. The fundamental duties were also read and discussed by all the staff. It was also emphasized that awareness regarding these duties must be created among the citizens of India so that could understand very well about our duties. "Training of Trainer (ToT) under Skill Training Programme" was jointly organized by JNKVV Jabalpur, ICAR-ATARI Jabalpur and ASCI for Master Trainer in Qualification Pack's (QP) at (KVKs) in Madhya Pradesh and Chhattisgarh November 26-29, 2019. Organized two-days Innovative Farmer-Scientist Workshop at Indira Gandhi Agricultural University, Raipur in collaboration with IARI, New Delhi and ATARI, Jabalpur on dated 27-28 November, 2019. World Soil Health Day 2019 was celebrated on December 5, 2019 in 80 KVKs of Zone IX in Madhya Pradesh and Chhattisgarh. Celebrated Vigilance Awareness Week Programme from October 28, 2019. Pledge taken by KVK staff and farmers for 'not taking and giving bribe in any form for any work'. Swachata Pakhwada was celebrated during December 16-31, 2019 at ICAR-ATARI, Jabalpur and KVKs in Zone. All the staff members took 'Swachata pledge' to devote some time for Swachh Bharat Abhiyan. TSP is operational in 14 KVKs located in tribal region of Madhya Pradesh and Chhattisgarh. Under NICRA 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 12 KVKs.



(Anupam Mishra)

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