



Zonal Agri-News

(A Newsletter from Zone IX)

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Review Workshop on Nutri –SMART Village for Nutritional Security at ICAR-ATARI, Jabalpur

One day review workshop on "Nutri-SMART Village for Nutritional Security" was organized on April 8, 2019 at ICAR-ATARI, Zone-IX, Jabalpur under the Chairmanship of Dr. Anupam Mishra, Director, ICAR-ATARI, Zone IX, Jabalpur in presence of Dr. Aparup Das, Director, ICMR, NIRTH Jabalpur. Dr. S. R. K. Singh, PS, ATARI Zone IX, Jabalpur welcome to all the dignitaries. On this occasion Dr. (Smt.) Om Gupta, DES, JNKVV, Jabalpur, Dr. L.P.S. Rajput, Professor & Head, Dept. of Food Science & Technology, JNKVV, Jabalpur, Mrs Pushpa Awasthi, Nutrition Officer, UNICEF, India, Dr. Alka Agrawal, MD (OBGYN), Chief Medical Officer, JNKVV, Jabalpur, Dr. Rajlaxmi

Tripathi, Professor, Govt. M. H. College of Home Science & Science for Women, Jabalpur, Smt. Ajay Jain, Assistant Director, WCD Department, Dr. Sushma Taypade, District Lead, Poshan Abhiyan (Department of WCD), Jabalpur and Scientists of ATARI, Food Science & Technology, Directorate of Extension services and Krishi Vigyan Kendra Jabalpur participated in the workshop. Meeting purpose Finalization of outline of project proposal with focus area and specific role of all partners, discussion on implementation plan, monitoring mechanism of project involving all partners.



Review Workshop of Farmer FIRST Programme at ICAR-ATARI, Jabalpur

Review Workshop of Farmer FIRST Programme was organised on May 1, 2019 at ICAR-ATARI, Jabalpur in

presence of ZPMC experts and members. At present, Farmer FIRST Project is operational at seven centres

under ICAR-ATARI, Jabalpur viz., ICAR-DWR, Jabalpur; ICAR-IISS, Bhopal; JNKVV, Balaghat; RVSKVV, Morena; NDVSU, Jabalpur; IGKV Rajnandgaon, Chhattisgarh; and NIBSM, Raipur. All seven projects Principal Investigators (PI) of the Farmer FIRST projects were presented their progress report 2018-19 and action plan 2019-20. Dr. Shiv Kumar, Principal Scientist, ICAR-NIAP, New Delhi was also invited as an expert of impact assessment, advised for macro impact analysis of technologies based on the selected technical indicators. Dr. S. R. K. Singh, Principal Scientist & Member Secretary welcome the participants and briefed the progress and activities before ZPMC for further discussion in detail during the presentation. Dr. Anupam Mishra, Director & Chairman ZPMC clearly mentioned that the Farmer FIRST Project is based on family based

approach and the policy intervention has positive outcomes. He further emphasized that project activities must play important role in enhancing farmer's income through proper training & guidance in marketing aspect also. ZPMC experts Dr. Y.V. Singh, Former ZPD, Jodhpur; Dr. Om Gupta, DES, JNKVV, Jabalpur; Line department representative Sh. K.S. Netam, JDA, Jabalpur Division & Er. S.K. Chourasia, Ag. Engineer, Jabalpur Division; Farmer representative Shri Vivek Mahajan, Narsinghpur attended the meeting. During presentations, ZPMC members suggested project-wise comments on their progress along with modification in the action plan 2019-20. A total of 20 participants attended the programme. The workshop ended with vote of thanks proposed by Dr. A. A. Raut, Scientist, ICAR-ATARI, Jabalpur.



Action Plan of Chhattisgarh KVKs on Doubling Farmers Income at ICAR-ATARI, Jabalpur 02-03 May 2019

Action plan workshop of KVKs of Chhattisgarh was held at ICAR-ATARI, Jabalpur on 02-03 May 2019 under the Chairmanship of Dr. Anupam Mishra, Director, ATARI, Jabalpur. Dr (Mrs) Om Gupta, DES, JNKVV, Jabalpur participated in the meeting. The meeting was attended by 43 participants including KVK Head and scientists. The KVKs presented the

progress of work and progress made in the satellite village. The KVKs also presented the action plan for 2019-20 and proposed intervention for doubling farmers Income in the satellite village. The discussion held on doubling farmer's income through IFS Interventions, value addition and processing, NTPF and entrepreneurship development in agri-based activities.



Review Workshop of ARYA, Seed Hub & NICRA Project at ICAR-ATARI, Jabalpur

The Review Meeting of Flagship programmes implemented at KVKs was held at ICAR-ATARI, Jabalpur on 27-28 May, 2019 under the chairmanship of Dr. Anupam Mishra, Director, ATARI, Jabalpur. Dr (Mrs) Om Gupta, DES, JNKVV and Dr. UPS Bhadauria, Joint Director Extension, RVSKVV Gwalior, Dr Tripathi, Nodal Officer Seed Hub IGKV, Raipur were present during the meeting. ARYA programme is being implemented in KVK Gwalior, Satna, Morena, Neemuch, Jhabua, Dhar, Dantewada, Surguja, Kanker, Raipur aimed towards entrepreneurship and skill development among rural youth through training in agriculture based enterprises. Augmenting the availability of quality seeds of pulses, the Department of Agriculture, Cooperation and

Farmers' Welfare, Government of India, has sanctioned a project on "Creation of seed hubs for increasing indigenous production of pulses in India". Seed Hub programme is being implemented at 15 KVK Viz. KVK Betul, Narsinghpur, Damoh, Harda, Ujjain, Dewas, Datia, Morena and Tikamgarh in Madhya Pradesh. In Chhattisgarh, KVK Bhatapara, Surguja, Rajnandgaon, Kawardha, Kanker, Janjgir-Champa. NICRA is being implemented at 12 KVKs namely Balaghat, Chhattarpur, Tikamgarh, Datia, Guna, Morena, Satna, Jhabua and Ratlam in Madhya Pradesh; Bhatapara, Bilaspur and Dantewada in Chhattisgarh. The Nodal officers from KVKs represented the progress of 2018-19 and discussions were held on the implementation of action plan for the year 2019-20.



Review Workshop of Tribal KVKs, KSHAMTA and Nutri-SMART Village Project Proposal at IGKV, Raipur, C.G.

Review Workshop of Tribal KVKs of Chhattisgarh and Madhya Pradesh was organized at Directorate of Extension Services, IGKV, Raipur on 29-30 May, 2019. Chief Guest of the occasion was Dr. Anupam Mishra, Director, ATARI, Zone-IX, Jabalpur, Chairman, Dr. R.K. Bajpai, Director Research Services, IGKV, Raipur, Special Guest, Dr. Om Gupta, DES, JNKVV, Jabalpur,

Dr. R.N.S. Banafar, DES, RVSKV, Gwalior, Dr. G.K. Shrivastava, DSW, IGKV, Raipur, all Sr. Scientist & Head of KVKs from Chhattisgarh and Madhya Pradesh were present. Dr. A.L. Rathore, DES, IGKV, Raipur welcomed all the guests and delegates present in the workshop and expected to prepare good plan for Tribal area under Nutri-SMART Village & KSHAMTA Project for

Doubling the income of farmers. programme is being implemented in KVK Dantewada, Jashpur, Kanker, Bastar, Balrampur, Rajnandgaon, Bijapur, Harda, Seoni, Alirajpur, Surajpur, Dhamtari, Chhindwada, Narayanpur, Mainpat, Shehdol, Mandla, Dindori, Mahasamund, Balod, Khandawa, Ratlam, Korba, Sukma, Dantewada, Jhabua, Umariya Nutri Smart Village Workshop on dated 30-05-2019 Nutri Smart Village being implemented at KVK Chhindwada,

Jabalpur, Khandawa, Dewas, Dhar, Gwalior, Raigarh, Shahdol, Hoshangabad, Shajapur, Damoh, Rewa, Raipur, Gariyabnad, Umaria, Morena, Bhopal, Singrauli, Balaghat, Raisen, Ratlam, Kawardha, Dhamtari, Dindori, Ambikapur, Satna, Sehore, Anuppur, Mainpat, Narsinghpur, Ujjain, Neemuch, Mandsaur, Dewas, Harda, Seoni, Durg-II Nodal officers form KVKs represented the action plan for the year 2019-20.



Annual Action Plan Workshop of JNKVV KVKs at ICAR-ATARI, Jabalpur June 13-14, 2019

Action plan workshop of KVKs of JNKVV was held at ICAR-ATARI, Jabalpur on 13-14 June, 2019 under the Chairmanship of Dr. Anupam Mishra, Director, ATARI, Jabalpur. Dr (Mrs) Om Gupta, DES, JNKVV, Dr. Dinakar Sharma, Joint Director, JNKVV, Jabalpur participated in the meeting. The meeting was attended by 38 participants including KVK Head and scientists. Dr. S.R.K. Singh welcomed participants and briefed

about the rationale of the workshop. The KVKs presented the progress of work and progress made in the satellite village. The KVKs also presented the action plan for 2019-20 and proposed intervention for doubling Farmers Income in the satellite village in various thematic areas. KVKs also presented the proposed off-farm trials and frontline demonstration in the satellite village.





Celebration of 5th International Day of Yoga at ICAR-ATARI, Jabalpur

International Yoga Day organized at ICAR ATARI, Zone IX Jabalpur on June 21, 2019 in the guidance of Yoga Guru Shri Nand Kishore Das and dynamic leadership of Dr. Anupam Mishra, ATARI, Jabalpur and technical guidance of Dr. S.R.K.Singh Principal Scientist, ATARI, Jabalpur and Dr. A. A. Raut, Scientist, ATARI, Jabalpur. All the staffs of ATARI have participated and benefitted by the Yoga Session on this auspicious day following the international protocol of loosening body, asanas and pranayams as prescribed by the Yoga Guru. The programme was started with the prayer and ended with the commitment of the "Sarve Bhavantu Sukhinah" so that peace and harmony could be brought not only

among the citizens in India but in the whole world which is ultimate goal of this Yoga day. Participants felt warm and energetic after completion of the Yoga session and promised to practice the session whole year not just on the day. Total 25 staffs from ATARI, Jabalpur participated including Dr. Shashi Gour, Scientist, Mrs. Deepti Dubey, PA, Sh. Rajeev Kulshrestha, AF & AO, Sh. Ram Sandesh Gupta, LDC, Sh. Sukhchain Das, Dr. Varsha Shrivastava, Dr. Dhruv Juyal, Ms. Deepshikha Singh, Mrs. Diljeet Ruprah, Mr. Alok Suryawanshi, Miss Preeti Tiwari, Mr. Roshan Lal Singh, Ms. Rajni Vishwakarma, Mr. Neetesh Jain and Mr. Ajay Shukla.



Farmer FIRST Programme under ATARI, Jabalpur

Farmer FIRST project is operational at seven centres under ATARI Jabalpur. During April-June, 2019 following progress was made as under the crop based module total 25 villages, 438.47 ha area and 1091 households covered, under horticulture based module total 24 villages, 29.93 ha area and 1328 households covered, under Livestock based module total 24 villages, 3071 animals (2620 Livestock and poultry, 209 goats, 220 ducks and 22 kg fish

fingerlings) and 327 households and 15 SHGs covered, under enterprise based module total 22 villages and 159 households covered, under integrated farming system Module, 12 villages and 63 households covered, under natural resource management, 21 villages, 186 ha area and 599 households covered, under ICT based module, 20 villages covered, 56 messages delivered, 524 telephonic calls and 1403 household covered.



Technology Demonstration Component under NICRA by KVKs

NICRA is operational in 12 KVKs of Zone IX.

- ▶ Under Natural Resources Management Module, a total of 738 farmers benefited with covering area 506.01 ha in all activities were conducted focusing on *in-situ* moisture conservation, soil test based nutrient application and pitcher irrigation, vermicompost making summer deep ploughing etc.
- ▶ Under Crop Production Module, a total of 432 farmers benefited with covered 223.70 ha area focused on drought tolerant varieties, short duration varieties, crop diversification, integrated crop management etc. on soybean, maize, blackgram and vegetable crops.
- ▶ Under Livestock and Fisheries Module, a total of 778 farmers benefited through covering 1246

animals and birds focusing the preventive vaccination, de-worming of animals and animal health camp and 5.00 ha area were covered.

- ▶ Under Institutional interventions, in custom hiring through various implements-rotavator, multi crop thresher and seed drill, etc. 288 farmers were benefitted with covered 146 ha. area.
- ▶ Under Capacity Building, total 33 training courses were organized benefiting 608 participating farmers.
- ▶ As Extension Activity, a total of 33 activities were organized and benefiting 770 farmers.



Cluster Frontline Demonstrations of Oilseeds 2019-20 under NFSM

In Cluster Front Line Demonstration on Oilseeds during 2019-20, total 1826 ha area was allotted with 4565 demonstration in 68 KVKs under Zone IX, during kharif, rabi and summer season. In Madhya Pradesh 45 KVKs covered for demonstration as soybean 380 ha, groundnut 10 ha, niger 60 ha, sesame 80 ha, mustard 320 ha, linseed 190 ha and sunflower 10 ha, similarly in Chhattisgarh 23

KVKs covered for demonstration as soybean 70 ha, groundnut 110, niger 80 ha, sesame 106 ha, sunflower 30 ha, mustard 180 ha, linseed 170 ha, safflower 30 ha going to be achieved during kharif, rabi and summer season by using soil testing, improved variety with seed treatment, line sowing, INM, IPM, ICM technologies. All the demonstration sites have GPS coordinates.



Cluster Frontline Demonstrations on Pulses 2019 under NFSM

During 2019 in Summer 986 demonstrations conducted in 430 ha area under CFLD Pulses in the operational states of Chhattisgarh and Madhya Pradesh. The demonstration has implemented through 18 KVKs in four pulses crops namely blackgram and greengram. In Madhya Pradesh 290 ha area achieved with 657 demonstrations whereas Chhattisgarh 140 ha area has achieved with 329 demonstrations during summer 2019.

In kharif 2019 season allotted 860 ha area with 2150 number of demonstration in 49 district in Madhya Pradesh. The Major crops are blackgram, greengram and pigeonpea. Similarly in Chhattisgarh total 540 ha area allotted with 1350 number of demonstration with 24 district. The Major crops in kharif season blackgram, greengram, pigeonpea & horsegram.



KMA Activities

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 730 messages comprising the subjects of crop, soil, livestock, farm

mechanization, home science, marketing, awareness etc. in the Zone IX during April to June, 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)	Type of messages								
				Crop	Soil	Livestock	Weather	Marketing	Farm Mechanization	Home Science	Awareness	Other enterprise
M.P.	43824	1931621	534	257	78	58	51	10	10	27	28	15
C.G.	9602	1039940	196	119	16	25	4	0	5	7	10	10
Total	53426	2971561	730	376	94	83	55	10	15	34	38	25

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.

One day review workshop on "Nutri-SMART Village for Nutritional Security" was organized on April 8, 2019 at ICAR-ATARI, Zone-IX, Jabalpur for finalization of project Proposal and discussion on implementation plan. Review workshop of Farmer FIRST Programme was organised on May 1, 2019 at ICAR-ATARI, Jabalpur in presence of ZPMC experts and members. In this review meeting Dr. Shiv Kumar, Principal Scientist, ICAR-NIAP, New Delhi was also invited as an expert of impact assessment, advised for macro impact analysis of technologies based on the selected technical indicators.

Action plan workshop of KVKs of Chhattisgarh was held at ICAR-ATARI, Jabalpur on 02-03 May, 2019, in this workshop had discussion about the doubling income through different intervention and other development by Chhattisgarh KVKs. Review workshop of ARYA, Seed Hub & NICRA on 27-28 May, 2019 at ICAR-ATARI, Jabalpur in this workshop KVKs presented progress of flagship programme being implemented in KVKs. Review Workshop of Tribal KVKs, KSHAMTA and Nutri-SMART Village Project held at IGKV, Raipur, C. G. KVK scientists presented action plan for Doubling the income of tribal farmers programme.

Annual Action Plan Workshop of JNKVV KVKs held at ICAR-ATARI, Jabalpur during June 13-14, 2019. The KVKs presented the action plan for 2019-20 and proposed intervention for doubling Farmers Income in the satellite village in various thematic areas. Various flagship programmes like NICRA, CFLD Oilseeds and Pulses, ARYA, TSP, and Skill Development are running in selected KVKs of this institute. 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.




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