

Zonal Agri-News

(A Newsletter from Zone IX)

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July- September, 2021

28th Zonal Workshop of KVKs

Virtual 28th Zonal Review Workshop of KVKs of ICAR-ATARI, Jabalpur organized from 26th to 28th July, 2021. “The Krishi Vigyan Kendras should focus more on the small & marginal farmers and organize them through the Farmers’ Producers’ Organizations for better access to the inputs and markets”, urged Shri Narendra Singh Tomar, Hon’ble Union Minister of Agriculture & Farmers’ Welfare in his inaugural address of the “Virtual 28th Zonal Review Workshop of KVKs of ICAR-



ATARI, Jabalpur. The Union Minister applauded the KVK’s work in technology dissemination during the challenging times COVID-19 Pandemic along with the various interventions in ICAR-ATARI, Jabalpur namely - Kadaknath Poultry Rearing, ARYA, CFLD Pulses and Oilseeds. Shri Tomar also urged the KVKs for focusing on micro-irrigation, enhancing farmers' knowledge for doubling their income, collaboration with the State Departments for increased outreach, employment generating activities, soil health through regular soil testing and traditional farming, etc. During the session on “Current importance of Nutritional security through Nutri-SMART Village”, Smt. Archana Chitnis, Former Minister of Women and Child Development, Government of Madhya Pradesh emphasized on the importance of Atma Nirbharta for nutrition by growing vegetables and fruits in Nutri-garden. Dr. A. K. Singh, Deputy Director General (Agricultural Extension), ICAR highlighted the various works like Raised bed cultivation of soybean, Kadaknath poultry rearing, Nutrition garden, Nutrition mapping of the District, Biofortified crops cultivation, Demonstration of technologies and seed production of pulses, etc. Dr. Singh emphasized on the collaboration of ICAR-Agricultural Technology Application Research Institutes with the ICAR Institutes. He also urged the KVKs for focusing on the secondary agriculture. The DDG stressed on encouraging the Agripreneurs to focus on building up processing units. Dr. S. K. Chaudhari, Deputy Director General (Natural Resource Management), ICAR highlighted the importance of the allied sectors like Horticulture, Animal Husbandry and Fisheries, etc., for enhancing the farmers’ income. Dr. V.P. Chahal, ADG (Agricultural Extension), ICAR urged the Director of Extension Services for focusing on building the extension models and regular capacity building of the newly recruited Scientists and Heads of KVKs. Earlier, in his welcome address, Dr. S.R.K. Singh, Director (A.), ICAR-ATARI, Jabalpur, Madhya Pradesh presented work done by KVKs in Madhya Pradesh and Chhattisgarh. The functioning of KVKs, farmers’ experiences on doubling income, promoting resilience in rainfed agriculture for risk minimization, nutritional security through Nutri-SMART village, Farmers’

Producers' Organizations, tribal focused activities, ICAR technologies on doubling farmers' income, ITK in agriculture and review of KVKs' performances, etc., were discussed during the Workshop. More than 300 participants from the Krishi Vigyan Kendras, ICAR Institutes, State Agricultural Universities and Farmers attended the workshop.



National Fish Farmer's Day

A webinar on National Fish Farmer's Day was organized in KVKs on 10th July 2021 in commemoration of India's 75 years of Independence. The event aims to draw attention to changing the way that country manages fisheries resources to ensure sustainable stocks and healthy ecosystems. This day is made to honour the fish farmers, aquapreneurs, fisher folks, stakeholders and whoever else is associated in fishery for their contribution in fishery sector. A total of 2184 farmers were participated in this programme.

Name of State	No. of KVKs	Webinars organized		Online Training prog organized		E-goasthis organized		Total	
		No. of activities	No. of participants	No. of activities	No. of participants	No. of activities	No. of participants	No. of activities	No. of participants
Madhya Pradesh	39	11	330	24	902	8	213	43	1445
Chhattisgarh	25	8	255	16	401	3	83	27	739
Total	64	19	585	40	1303	11	296	70	2184



Review the Progress of Implementation on Central Sector Scheme for Formation and Promotion of 10,000 FPOs

Under Central sector scheme for formation and promotion of 10,000 FPOs, five KVKs viz., Chhatarpur, Govindnagar (Narmadapuram), Morena from Madhya Pradesh and Bhatapara, Raipur from Chhattisgarh are selected as Cluster Based Business Organization (CBBOs) from ICAR-ATARI Jabalpur. The virtual meeting was held on July 12th, 2021 to review the progress of implementation. Dr S. R. K. Singh, Director (A.), ICAR-ATARI, Jabalpur emphasized the role of KVKs as Cluster Based Business Organization in promoting FPOs. The discussion was held with CBBO KVKs on number of farmers mobilized, number of FIGs /FPO formed, status of nomination of Board of Directors, mobilization of share capital, status of opening of bank account of FPO, status of appointment of CEO and Accountant by FPO. Dr A. A. Raut, Scientist, ICAR-ATARI, Jabalpur coordinated the programme.

Review Workshop of DAMU

Review Workshop of DAMU at KVKs (Online) was organized by ICAR-ATARI, Jabalpur on 2nd August, 2021. Dr. S. R. K. Singh, Director (A.), ICAR-ATARI, Jabalpur highlighted that implementation of block level AAS would be beneficial to more number of farmers due to precise forecast with appropriate agromet advisories for the specific blocks. Dr. K. K. Singh, Head, Agromet Advisory Services Division & Scientist 'G', IMD, Ministry of Earth Sciences, New Delhi suggested to make most use of the available data from AWS and data collected from other sources, including remote sensing data after processing and should be immediately disseminated to end users. He emphasized the need to document success stories of DAMU interventions, prepare crop weather calendar on priority basis and collect feedback from farmers. DAMU Subject Matter Specialist from KVKs presented the brief of the activities undertaken by KVKs during the year and summary of weather and crop related advisories during the meeting. Senior officials from IMD participated in the meeting. Sh. T.R. Athare, Scientist ICAR-ATARI, Jabalpur, proposed the vote of thank at the end of workshop. Dr. D. Bardhan, Pr. Scientist, Dr. A. A. Raut, Scientist, ICAR-ATARI, Jabalpur coordinated the workshop. A total of 36 participants attended the workshop.

Interaction Workshop on Gender Nutrition and Network Project

Interaction Workshop on Gender & Nutrition Network Project was conducted by ICAR-ATARI, Jabalpur through virtual mode on dated 3rd, 10th & 31st August 2021 for CCPIs of ATARIs and selected KVKs. Dr. S.R.K. Singh, PI & Director (Acting), ICAR-ATARI, Jabalpur welcomed the participants and explained the purpose of interaction. Mr. Tushar Athare, Co-PI, and Scientist, ICAR-ATARI, Jabalpur presented brief information, sampling design & plan, and survey schedule of Gender & Nutrition Network Project. In the discussion session Dr. Anjani Kumar, CCPI & Director, ICAR-ATARI Patna gave a view on manpower and budgeting for this project. Dr. D Bardhan, Co-PI & Principal Scientist, ICAR-ATARI, Jabalpur answered the queries on sampling design and plan. Dr. S.R. K. Singh, PI & Director (Acting), ICAR-ATARI, Jabalpur addressed queries of the participating KVKs. Dr.

A.A. Raut, Co-PI, ICAR-ATARI, Jabalpur, proposed the vote of thank at the end of workshop. A total of 172 participants attended the workshop.

Visit of Hon'ble Vice Chancellor, JNKVV, Jabalpur at KVK, Sagar

Hon'ble Vice Chancellor Professor P K Bisen visited Krishi Vigyan Kendra Sagar and Regional Agricultural Research Center on dated 23rd Aug. 2021. After meeting with the KVK scientists, observed various activities of the KVK and ZARS and necessary instructions were given. Dr. Yadav PC, KVK Sagar explained in detail about the various exhibition units and various activities conducted by the centre. Hon'ble Vice Chancellor also instructed to open Agriculture OPD as per the intention of Hon'ble Agriculture Minister, so that farmers can be solved their problem by sitting in a certain place.



Visit of Director ATARI, Jabalpur at KVK, Durg II

Dr. S.R.K. Singh, Director (A.), ATARI, Jabalpur visited Krishi Vigyan Kendra, Durg II on 03rd Sep 2021. He met with the members of Women Self Help ATMA Group 'Prerna' and 'Prarthana' formed by the KVK during the visit. He tested traditional food prepared by WSHG and appreciated their work and also gave valuable suggestion related to nutritional security to the members of WSHG. He examined the various activities of KVK and appreciated the work established within short span of time.



Interface with KVK Scientists for Recent Advances in Farm Mechanization and Value Addition in Agriculture (Online)

Scientific discussion was organized jointly by Krishi Vigyan Kendra, Central Institute of Agricultural Engineering, Bhopal and ICAR-ATARI, Jabalpur on 18th August, 2021. Total 130 participants participated through zoom link and took advantage of advanced agricultural

machinery in this seminar. Information on utilization, food processing, energy use in agriculture, improved soybean products and conservation of agricultural products and proper use of agricultural residues were given. Dr. C.R. Mehta, Director, Central Institute of Agricultural Engineering, Bhopal and Dr. S. R. K. Singh, Director (A.), ICAR-ATARI, Jabalpur informed about various agricultural schemes. Dr. Deepak Singh, PS & Head, KVK, Bhopal and Engineer Dinesh Kumar Dwivedi conducted the program.



Celebration of Food and Nutrition for Farmers by KVKs

ICAR has organized a national level campaign on the theme of “Food and Nutrition for Farmers” in the month of August 2021. The National level campaign on “Food and Nutrition for Farmers” on 26th August 2021 was addressed by Shri Narendra Singh Tomar, Hon’ble Minister of Agriculture and Farmers’ Welfare, GoI. Under this theme KVKs under ICAR-ATARI Jabalpur organised various programmes like seminars, trainings, gosthis, exhibitions to increase awareness among farmers regarding the importance of food and nutrition. A total of 182 activities were conducted by KVKs with 8233 participants.

Name of State	No. of KVKs organized the programme	Seminars organized		Training prog. organized		Gosthis organized		Exhibitions organized		Total	
		No. of activities	No. of participants	No. of activities	No. of participants	No. of activities	No. of participants	No. of activities	No. of participants	No. of activities	No. of participants
MP	53	26	1478	32	1504	35	1787	18	990	111	5759
CG	28	18	644	18	651	20	793	15	386	71	2474
Total	81	44	2122	50	2155	55	2580	33	1376	182	8233



Interaction with Farmer FIRST Center on DFI Success Stories

An interaction workshop was organized on 9th September, 2021 with all seven Farmer FIRST centres to discuss about DFI success stories. The workshop started with the welcome of the all the PIs and Co-PIs of the Farmer FIRST centres. Dr. S.R.K. Singh, Director (A.) gave opening remarks on DFI success stories and briefly discussed the criteria for DFI success stories with the PIs of the all FFP centres. The status of DFI success stories were presented for each FFP centre. Total 18 participants were attended workshop.



Poshan Maah and Tree Plantation Campaign

On 17th Sept. 2021 a virtual telecast of Curtain raiser of "International Year of Millets 2023" by Shri N.S. Tomar, Hon'ble Minister of Agriculture and Farmers' Welfare, GoI along with on campus programme of 'Poshan Vatika Mission with Tree Plantation' was organised by Madhya Pradesh and Chhattisgarh KVKs. On this occasion, millet cuisines were distributed to girls and vegetable seeds and plants were distributed to the participants. Plantation was also done by the Chief Guest. Total 14481 participants was participated in the programme. On the occasion of this programmer Hon'ble MP (Betul, Harda, Harsud Constituency) Sh. Durgadas Uikay was chief guest in KVK Betul and planted saplings in KVK premises.

State	No. of								Total	No. of	
	KVKs organised program	MPs Attended program	MLAs Attended program	Union Minister Attended program	Ministers from State Attended program	Other VIPs	Girls attended program	Farmers attended program		plants planted distributed	packets of vegetable seed distributed
MP	53	6	13	1	1	100	4216	6433	10796	58880	4108
CG	28	2	4	0	0	52	1602	2024	3685	25959	2349
Total	81	8	17	1	1	152	5818	8457	14481	84839	6457



Interaction of Hon'ble PM with Farmers and Farmer-Scientist Interface Meeting on “Climate Resilient Varieties, Technologies and Practices

All KVKs organized Farmer-Scientist Interface Meeting on “Climate Resilient Varieties, Technologies and Practices on 28th September 2021. Firstly, the KVK staff and scientist view the webcast interaction programme of Hon'ble Prime Minister with farmers and later on KVK Scientist highlighted the importance of developing and popularizing the climate-resilient varieties / breeds to mitigate and adapt to the climate change impacts. They also provide the information about the various production technology in context of the changing climate. Total 1977 participants have been participated.



Hindi Diwas Pakhwada

The programme was organized at ICAR-ATARI, Jabalpur on September 14 - 30, 2021. The programme was chaired by Dr. S.R.K. Singh, Director, ATARI, Jabalpur. Various activities like essay writing, hindi general knowledge and debates programme etc. were organised during this occasion. Scientists, administrative and technical staff of the institute actively participated in the events. Winners among the participants were felicitated with prizes.



Farmer FIRST Programme under ATARI, Jabalpur

Farmer FIRST programme is operational at seven centres in Madhya Pradesh and Chhattisgarh states under ICAR-ATARI, Jabalpur. During July-September, 2021 under crop based module, 352.09 ha area covered in 32 villages and 955 households benefitted, under horticulture based module 54.85 ha area covered and 428 household benefitted, under natural

resource management, 504.53 ha area covered and 1334 households benefitted, under livestock based module total 720 animals, 4736 poultry and 472 households benefitted and 23 kg fingerlings distributed to 23 farmers, under enterprise based module, three units of azolla production, three mushroom production units, three beekeeping units, ten units of kadaknath chicks, four vermi-compost units were established and 156 households benefitted, under IFS module, 108.52 ha area covered and 76 households benefitted. Under capacity building programmes, 1129 farmers were benefitted in 20 villages and under extension activities, 46 activities performed and 1905 farmers were benefitted. Under ICT based module, 2853 messages delivered and 7793 telephonic calls and 23430 household benefitted in 32 Farmer FIRST programme villages.



Cluster Frontline Demonstrations of Kharif Oilseeds 2021 under NFSM

Under CFLD oilseeds during Kharif season 2021-22 in Madhya Pradesh state, soybean crop demonstrated in 370.8 ha area with 924 demonstrations in 34 KVKs by using raised bed method, R&F method with improved variety & seed treatment technologies. Similarly, niger crop demonstrated in 80 ha area with 200 demonstrations in 7 KVKs by using improved variety with seed treatment, in sesame crop 110 ha area covered by 275 demonstrations in 10 KVKs using seed treatment and groundnut demonstrated in 60 ha area with 148 demonstrations in 6 KVKs by using seed treatment. In Chhattisgarh state, soybean crop demonstrated in 140 ha area with 300 demonstrations in 8 KVKs by using line sowing with improved varieties and niger crop demonstrated in 190 ha area with 475 demonstrations in 11 KVKs by using line sowing. In groundnut, 214 ha area covered by 517 demonstration in 12 KVKs by line sowing with improved variety, in sesame, 150 ha area covered with 359 demonstration in 10 KVKs by using line sowing with improved varieties.



Cluster Demonstrations of Kharif Pulses 2021 under NFSM

During Kharif season 2021 under Cluster Frontline Demonstration (CFLD) in pulses, Blackgram, Greengram, Pigeonpea and Horsegram covered total 615.20 ha area with 1548 demonstrations in state Madhya Pradesh. Blackgram was demonstrated in 255.20 ha area with 648 demonstrations by using technologies like line sowing, ridge & furrow, broad bed furrow, IWM, IPM, etc. with improved variety. Similarly, Greengram, Pigeonpea and horsegram were demonstrated in 70 ha area with 175 demonstrations, 280 ha area with 700 demonstrations and 10 ha area with 25 respectively by using improved variety with seed treatment and line sowing, SPI, ridge & furrow, bio-fertilizers like *Pseudomonas*, rhizobium, etc.

Similarly, in state Chhattisgarh, total 458 ha area with 1038 demonstrations was covered under crops Blackgram, Greengram, Pigeonpea and Horsegram. Blackgram was demonstrated in 210 ha area with 494 demonstrations by using major technologies viz., ridge & furrow, broad bed with improved varieties. Further, greengram covered 30 ha area with 70 demonstrations using line sowing, seed treatment, and IWM, IPM technologies. While, 178 ha area with 389 demonstrations were conducted in Pigeonpea using line sowing, SPI, broad bed, IPM etc. and in Horsegram, 40 ha area covered with 85 demonstrations by using line sowing with improved variety, use of bio-fertilizers like *Pseudomonas*, *Rhizobium*, etc.



Kisan Mobile Advisory

Kisan Mobile Advisories in various thematic area in agriculture, horticulture, animal husbandry, fisheries, enterprise, home science weather are regularly sent by KVKs to the farmers in Madhya Pradesh and Chhattisgarh. More than three million farmers were covered through mobile advisories by 69 KVKs through 621 messages comprising the subjects of crop, soil, livestock, farm mechanization, home science, marketing, awareness etc. in the Zone IX during July to September, 2021. 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.	41544	1787684	380	199	0	36	39	33	15	26	1	31
C.G.	16012	1272885	241	133	24	13	35	0	3	12	3	18
Total	57556	3060569	621	332	24	49	74	33	18	38	4	49

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 programmes through Krishi Vigyan Kendras (KVKs) in Madhya Pradesh and Chhattisgarh.



Virtual 28th Zonal Review Workshop of KVKs of ICAR-ATARI, Jabalpur organized from 26th to 28th July, 2021. Chief Guest Shri Narendra Singh Tomar Ji, Hon'ble Union Minister of Agriculture & Farmers' Welfare delivered the inaugural address of the workshop. The Union Minister applauded the KVK's work in technology dissemination during the challenging COVID-19 Pandemic along with the various interventions in ICAR-ATARI, Jabalpur namely Kadaknath Poultry Rearing, ARYA, CFLD Pulses and Oilseeds. A webinar on National Fish Farmers Day was organized by the KVK's of M.P. and C.G. on 10th July, 2021 in commemoration of India's 75 years of Independence during which a total of 2184 farmers were participated in this programme. The virtual meeting was held on July 12th, 2021 to review the Progress of Implementation. Central Sector Scheme for Formation and Promotion of 10,000 FPOs from ICAR-ATARI Jabalpur. Five KVKs Chhatarpur, Hoshangabad, Morena from Madhya Pradesh and Bhatapara, Raipur from Chhattisgarh are selected as Cluster Based Business Organization (CBBOs).

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I sincerely thank the editorial team for their efforts in bringing out this issue of Newsletter.

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