



ZONAL AGRI-NEWS

A Newsletter of ZPD, Zone VII

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July - September, 2013

Planning Workshop for Tribal Sub Plan and Specialized KVKs



Two days Planning Workshop for Tribal Sub Plan and Specialized KVKs was organized to review the programmes organized by Tribal KVKs under Tribal Sub Plan and proposals of specialized KVKs. The workshop was organized at KVK Kanker Chhattisgarh on 9-10 July 2013. Dr S.K.Patil, Vice Chancellor, IGKV Raipur the chief guest lauded the efforts of KVKs working in difficult areas and asked them to work for farmers welfare, keeping in terms with the mandate of KVKs



and Dr. Anupam Mishra, ZPD, Zone VII, presided over the function. The KVKs have presented their tribal Focused Programme for the year 2013-14 which was modified and finalised according to the suggestions of the House. 11 KVKs from Zone VII have presented their plan for specialised KVKs whereas 19 KVKs have presented and finalised their TSP programme from states of Madhya Pradesh, Chhattisgarh and Odisha states in Zone VII.

Training-cum-workshop for Animal Science Specialists



A training-cum-workshop for Animal Science specialists in Zone VII was organized at Zonal Project Directorate, Zone-VII, Jabalpur during 26 to 27 July 2013. Dr. V.S.Tomar, Vice Chancellor, Jawaharlal Nehru Krishi Vishwa Vidyalaya (JNKVV), Jabalpur highlighted the importance of livestock in agriculture sector and urged scientists of KVKs to reach the unreached livestock farmers. Dr. G.P. Mishra, Vice Chancellor, Nanansaheb Deshmukh Veterinary Science University (NDVSVU), Jabalpur emphasized upon the visible impact of technology on the farmers' field. Dr. H. Rahman, Director, Project Directorate on Animal Disease Management and Surveillance (PDADMAS), Bangalore focused upon the contribution of Animal Husbandry



sector in GDP and economic losses caused by various diseases to the farmers and country. Dr. Anupam Mishra, ZPD, Zone-VII highlighted the need to focus on Animal Husbandry sector in the integrated way along with the Farming. He also urged scientists to focus upon the quality fodder production and ensuring timely vaccination of animals. During the two-day training-cum-workshop, Total 28 scientists from three states (Madhya Pradesh, Chhattisgarh and Odisha) participated in the programme. Experts from NDVSVU, Jabalpur facilitated and guided the scientists in improving their work plan for the year 2013-14. Dr. S.R.K.Singh, Sr. Scientist has coordinated the programme.

SHOT ON MI A3 ZONAL PROJECT DIRECTORATE ZONE VII

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About Zonal Project Directorate

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 100 KVKs comprises of three states namely Madhya Pradesh, Chhattisgarh and Orissa.

KVKs in Zone VII

Zonal Project Directorate monitors activities of 100 KVKs in the three states namely Madhya Pradesh, Chhattisgarh and Odisha.

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

State	No.of District	Details of KVKs			Total
		SAU	ICAR	NGO	
Chhattisgarh	27	20	-	-	20
Madhya Pradesh	39	1	7	47	
Odisha	30	31	2	-	33
Total	107	90	3	7	100

Parthenium Awareness Week



The parthenium awareness week has been organised by the KVKs in Zone VII between 16-22 August 2013. Under this various activities like student rallies, lectures along with demonstration of parthenium control were



organised to create awareness among the farming community and students about parthenium, various hazards caused by it and its control measures.

Enhanced outreach through Farmers Friend, Chhattisgarh



With the limited resources of KVKs, and vast farming population to serve in the district, it is often impractical to reach all the farmers in the district. To



overcome this issue KVKs in Chhattisgarh have decided to extend their outreach through training to the para extension workers in the district i.e. Farmers Friend

(Krishak Sangwari). Training programmes relevant to the district Kharif situations and problems faced by the farmers including recent technologies were organised for Farmers friend during Kharif 2013. These

programmes aimed at capacity building of the farmers friend which further can help the farmers in their area. KVKs Durg, Kawardha, Korea, Bilaspur, Rajnandgaon of Chhattisgarh have trained total of 1976 farmers' friend.

Training cum Review workshop of Programme Assistants (Computer)

One day training cum review workshop of Programme Assistants (Computer) was organised at Zonal Project Directorate, Zone VII, Jabalpur on 23rd August, 2013. Dr. Anupam Mishra, Zonal project Director in his inaugural address asked the participants to focus on the reporting format for the KVK-ATMA 5000 farmers programme and give their suggestions. 45 KVKs from Madhya Pradesh have participated in the training.

In ensuing technical sessions participant KVKs presented the Proforma regarding the progress of the KVK- ATMA 5000 farmers programme. 45 KVKs presented their progress for the Kharif season on field crops, horticultural crops, animal husbandary, poultry and fisheries activities. The house discussed the proforma in minute details and some suggestions were also given to improve the reporting.

Organization of Hindi Pakhwara, ZPD, Zone VII, Jabalpur



Hindi Pakhwara was celebrated during 14 to 30 September 2013. Various activities focussing on the Hindi language like Debate, General knowledge Test, Essay Writing, Poem Competition were organised. During this period majority of the office work was



carried out in Hindi. KVKs-Bhind, Datia, Seoni, Sheopur and Betul under Zone-VII have also organised various activities promoting use of Hindi during *Hindi chetna Mas*.

Review Workshop KVK- ATMA Convergence Model



Review Workshop of Special Kharif Mission of M.P. Govt. for Productivity enhancement was organized by Zonal Project Directorate at Krishi Vigyan Kendra, Sagar on 06 Aug, 2013 for 20 KVK's of JNKVV. In this workshop all the KVK's presented their activities.



Hon'able commissioner Sagar Division, Shri R. K. Mathur addressed the workshop and suggested nutrient management after soil test, Dr. P.K. Mishra, DES, JNKVV, Dr. Anupam Mishra, ZPD, ICAR reviewed the activities and gave valuable suggestion .

Review workshop on "KVK- ATMA Joint efforts in M.P." was jointly organized by ZPD, ICAR, Zone VII, Jabalpur and RVSKVV, Gwalior on 08. 08. 2013 at Krishi Vigyan Kendra Dewas. All the 24 Programme Coordinators under jurisdiction of RVSKVV, Gwalior

were presented their work regarding 5000 farmers To Make effective presentations, suggestion were given by Dr. Anupam Mishra ZPD, Dr. SRK Singh Sr. Scientist ZPD, Jabalpur and Dr S. S. Tomar DES RVSKVV, Gwalior

Programmes in Zone VII

Technological Demonstration for Harnessing Pulse Productivity:

This programme addressed application of selected technologies related to major pulse crops in Kharif viz. pigeon pea, green gram, black gram. The programme envisages demonstrating production potential of newly developed technologies and varieties of pulses at farmers' fields through KVKs to enhance production of pulses in the country. States of Madhya Pradesh, Chhattisgarh and Odisha KVKs have conducted demonstration on the field of 525 farmers in area of 209.9 ha in Kharif-2013. The promising varieties of pulse crops like pigeon pea (JKM-189, TUT-501, ICPH-2671, Shekhar-2), black gram (PU-35, JU-3, JU-86) were taken for demonstration.

Tribal Sub Plan (TSP):

This scheme is aimed for 'Enhancing Pulses Production for Food, Nutritional Security and livelihoods of Tribal Community through Demonstration and Training'. TSP is operational in 10 KVKs located in the tribal region of the M.P. and Chhattisgarh. 212 demonstrations were conducted in different pulse crops in an area of 85 ha with Black gram (PU-35, JU-3, JU-86) and Pigeon pea (JKM-189, TUT-501) varieties.

Tribal Focussed Programme has been also finalised for tribal KVKs in the zone for the year 2013-14 focussing tribal dominated villages and income generating activities.

ISOPMA on Maize:

In an effort to enhance the production and productivity of Maize under ISOPMA 240 demonstrations spread out in 240 acres (96 ha.) of area were conducted. The new HYV and hybrids of maize like HQPM-1, Proagro4640, Scorpio, Hycel were demonstrated on farmers' field by six KVKs.

Climate Resilience Agriculture through KVKs under NICRA

NICRA is operational in 14 selected districts (7 Madhya Pradesh and 3 in Chhattisgarh and 4 in Odisha) for conducting technology demonstrations.

In this Quarter, Zonal Monitoring Committee has visited KVKs Sonepur, Jharsuguda, Bilaspur and Bhatapara under the chairmanship of Dr. SS Tomar, DES, RVSKV, Gwalior and Nodal Scientist/ Member secretary Dr. S.R.K. Singh, Sr. Scientist ZPD Zone VII

In Natural Resource Management, a total of 3462 demonstration were conducted on 1887.4 ha. area focusing on in-situ measure conservation, water harvesting and recycling for supplemental irrigation, improved drainage in flood prone areas Conservation tillage where appropriate, Artificial ground water recharge, Water saving irrigation methods.

In Crop Production, a total of 3015 demonstration were conducted on 1553.5 ha. area focused on drought tolerant varieties, advancement of planting dates rabi crops to escape for terminal heat stress, Water saving paddy cultivation methods (SRI, aerobic, direct seeding), Frost management in horticulture through fumigation, Community nurseries for delayed monsoon, Custom hiring centres for timely planting, Location specific intercropping systems with high sustainable yield index etc.

In Livestock and fisheries, a total of 2347 demonstrations were conducted covering 21992 animals focusing on Use of community lands for fodder production during droughts / floods, Improved fodder/feed storage methods, Preventive vaccination, Improved shelters for reducing heat stress in livestock, Management of fish ponds / tanks during water scarcity and excess water etc.

In Institutional interventions, A total 1972 farmers were benefitted by the covering area 824.17 ha area through Seed bank, Fodder bank, Commodity groups, Custom hiring centre, Collective marketing, Climate literacy through a village level weather station etc

Under capacity building, total of 149 trainings were organized benefiting 3156 participants. Under Extension activities, total of 176 trainings were organized benefited 2859 participants through Diagnostic visits, Exposure visits, Field day Group discussion etc.



Crop management, Sonepur



Seed Production, Bilaspur



Custom Hiring Centre, Bhatapara



ZMC visit, Jharsuguda KVK

Kisan Mobile Advisory Activities

In this quarter 4.85 Lakhs farmer have been covered through 1889 advisories by 100 KVKs in the zone.

Advisory regarding crops livestock weather and marketing were sent to the farmers.

No. of Calls	No. of farmers Covered	No. of Messages (Text)	Type of messages					
			Crop	Livestock	Weather	Marketing	Awareness	
17838	485840	1889	1085	177	88	74	238	330

Awards/ Recognition

Jagjivan Ram Abhinav Kishan Puraskar 2012



Sri Dolamani Sahu received the Award from Dr. Sharad Pawar, Hon'ble Agriculture Minister, Govt. of India on 16.07.2013 on the occasion of 85th Foundation day of ICAR.

Progressive Farmers Awarded By Governor, Odisha

Seven farmers from the Odisha were awarded by the



Governor as Progressive farmers on Ouat Foundation Day 24.8.2013. Mr Ramesh Chandra Sahoo, Deogarh, Sanjay Nayak, Kendrapara, Suresh Kumar Sahoo, Nayagarh, Naba Kishore Pani, Puri, Sri Dolomoni Sahoo, Bargarh, Smt Reshmi Rekha, Nuapada, Indu Bhushan Swain, Kalahandi were awarded as progressive Farmers by Hon'ble Governor of Odisha, Dr. Senayangba Chubatoshi Jamir.

Best Farmer Award by Hon'ble Chief Minister of Madhya Pradesh Sh. Shivraj Singh Chouhan



Mr. Sanjay Kherwa got the Best Farmer Award by Hon'ble Chief Minister Sh. Shivraj Singh Chouhan for his tremendous achievement in Wheat Production. He produced Wheat (GW-322) 70q./ha. He has also orchards in 6 ha. in which he has planted Aonla, Mango, Custard Apple, Orange, Sweet Orange, Pomegranate, Guava, Sapota, Lemon etc. Harda

Best Extension Scientist Award,



Sri. Manoranjan Mohapatra, PC, KVK, Nuapada, Odisha was conferred as Best Extension Scientist award by His Excellency Governor of Odisha Dr. S.C. Jamir for his outstanding performance for the cause of farming community of Nuapada district.

Second Prize in Cycling at ICAR Central Zone Sports Meet 2013



Mr. Sukhchain Das Skilled Supporting Staff (SSS), of this Directorate got second position in the cycling event at ICAR Central Zone Sports Meet 2013 held at CIAE Bhopal during 24-28 September 2013. He is getting award in the cycling competition consecutively since last seven years.

Success Story

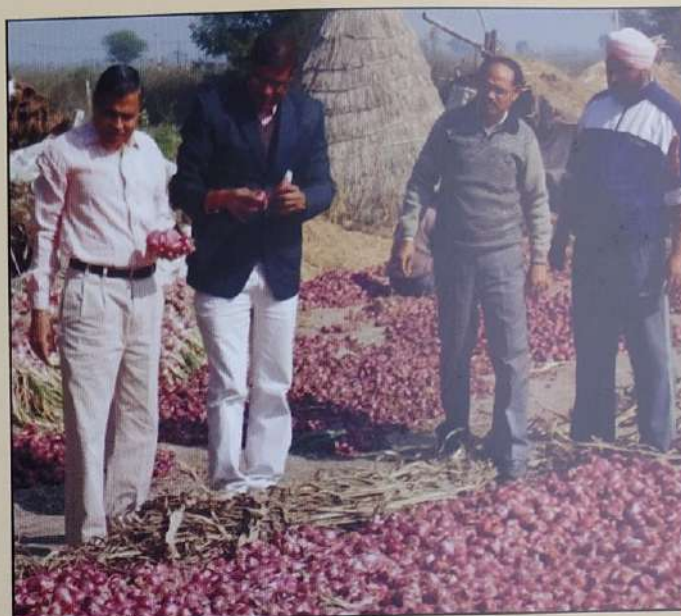
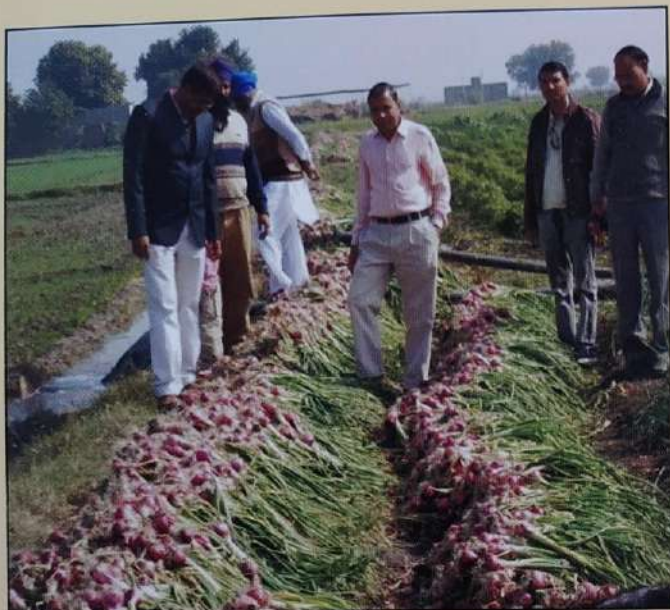
Technology Dissemination on Kharif Onion by KVK Sheopur

Background Kharif onion is an off-season cultivation of the crop for which standardization of varieties is of immense utility. Onion is one of the most important commenced vegetable crops, grown in India. It is grown in north as well as south India. Onions are used as salad and cooked in various ways. There was no area of kharif onion in Sheopur before the intervention of KVK. Most of farmers are grown vegetable for domestic use only. The selected farmers were practicing rice-wheat & soybean-wheat cropping system but considering it a non profitable farming system. The farmers approached KVK Sheopur during 2010. Keeping this in view KVK Sheopur to undertake training, OFT, FLD with scientific approach. Training programme were organized in village on improved cultivation practices which included improved planting technique with locally developed onion BBF. The crop has been introduced in to same area of Sheopur district for as

high income generation crops.

Dissemination Process :- Kharif onion production and management technology has been disseminated through on farm trials, frontier demonstrations, trainings and other extension activities like field day, scientist visit to farmer field print and electronic media. **Institutes involved :-** DOGR - Pune, NHRDF -Nasik, RVSKVV- KVK, Sheopur were involved in evolved and dissemination this technology with integrated approached for uplifting socio-economic status of farmers community.

Success point :- Most of the farmers of the district growing crop under soybean-wheat and rice -wheat cropping system. Before intervention of KVK there was no area of kharif onion in district. Scientists of KVK Sheopur introduced the kharif onion the district under crop diversification to getting more profit per unit area.



Description of technology :- The nursery of kharif onion raised in month of end June and 45 days old seedling of variety ADR were planted after Basel application of fertilizer on locally developed raised

broad bed and furrow maker farm implement. oxyfluorfen weedicide @ 200g. a.i. / ha. were applied after 15 days transplanting and manually weeding was made for weed free field 45 day after transplanting.

Outcome :-

Crops	Technology Demonstration	Demo. Yield (Q/ha.)	local check yield (Q./ha)	Increase in yield
Onion	Improved variety ADR + 45 days old seedling transplanted with raised broad bed and furrow method.	248.77	208.80	19.14
		233.66	206.37	13.22
		241.21	207.58	16.18

On the basis of demonstration conducted during two kharif season in Sheopur district. The results of demonstration should the average yield increase up to 16-18 per cent over local practices.

Impact :- After intervention of this technology, the

farmers received average net return up to Rs. 115979.00 per ha. after intervention of this technology. In Sheopur district area of this technology occupied about 45 ha. and now large number of farmers are ready to adopt this technology.

Monitoring of KVKs

Following KVKs were monitored during the reporting period : Bhadrak, Mayurbhanj-I, Mayurbhanj-II, Keonjhar, Jharsuguda, Deogarh, Sundergarh-I, Durg, Dewas, Dhar, Bhatapara, Bilaspur, Jharsuguda, Sonapur, Burhanpur, Bhatapara,

Forthcoming activities

- ▶ Review of Tribal Sub Plan in KVKs
- ▶ Review of KVK-ATMA Convergence Model
- ▶ Review of NICRA Project activities,
- ▶ Training-cum-workshop on Agricultural Engineering
- ▶ DAHD project activities
- ▶ ISOPAM on Maize,
- ▶ TDHPP on Pulses,

DIRECTOR'S DESK



This Directorate is guiding and motivating KVKs for equipping farmers with latest knowledge and innovative 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. KVKs in our Zone are helping farmers in decision making by making available information at one stop regarding various programmes and schemes of central and state governments and also information regarding service providers in the district in local language.

The focus of this Directorate in this quarter has been organizing and encouraging KVKs to work in collaboration of various line departments in the district so that maximum farmers can be reached through combined efforts of all stakeholders involved in agriculture development. Two review workshops for KVK-ATMA Joint Activity were organized by this directorate for reviewing joint activities of KVK-ATMA. The gathering discussed joint activities carried out in the district and effective ways to report the data.

One day training cum review workshop of Programme Assistants (Computer) was organised focusing on the reporting format for the KVK-ATMA 5000 farmers programme in which 45 KVKs of Madhya Pradesh have participated.

In ensuing technical sessions participant KVKs presented the Proforma regarding the progress of the KVK-ATMA 5000 farmers programme. 45 KVKs presented their progress for the Kharif season on field crops, horticultural crops, animal husbandry, poultry and fisheries activities. The house discussed the Performa in minute details and some suggestions were also given to improve the reporting. It was decided to include the gender and category of the respondents in the performa. It was also suggested by the Various programmes like Technological Demonstration for Harnessing Pulse Productivity, Tribal Sub Plan, Integrated Scheme of Oilseeds, Pulses, Oil palm & Maize on Maize, and National Initiative on Climate Resilient Agriculture are running in selected KVKs of this directorate. Under TDHPP 976 demonstrations were conducted in the crops of Lentil, Chickpea, Black gram, Green gram etc. TSP is operational in 10 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 14 KVKs. Department of Animal Husbandry, Dairying and Fisheries has sanctioned a two-year project on "Costs and Returns in Milk Production: Developing Standardized Methodology and Estimates for Various Production Systems" in Consortium mode, with Zonal Project Directorate, Zone-VII, Jabalpur as a consortia partner and NDRI as the Consortium Leader. The project is operational in 4 tribal districts of Chhattisgarh and Malwa region of Madhya Pradesh.

I thank the editorial team of Newsletter for their efforts in bringing out this Newsletter. My word of appreciation for Programme Coordinators vis-a-vis 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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