

Summary of Action Points/Recommendations of the XXIII Meeting of ICAR Regional Committee No. IV held during August 26-27, 2016 at ICAR-RCER, Patna, Bihar

Crop husbandry:

Sl. No	Thrust Areas/Issues	Action point/recommendation	Action to be taken
1.	Enhancement of fodder production	Formation of team and sharing information with all three State Governments about model of fodder production including seed, planting materials, package of practices, literature and technology within one week period and intimation to all three State Governments for giving indent of breeder seeds of fodder crops	ICAR-IGFRI
2.	Training on combine harvester and zero tillage machine	Submitting proposal on training programme for combined harvester and zero tillage machines with all details within one week period	ICAR-CIAE
3.	Certificate course of mushroom production	Submitting proposal for the certificate course of mushroom production within one week period	RAU
4.	Training proposal on seed production	Submission of training proposal on seed production	BAU Sabour in association with ICAR-IISS, Mau
5.	Recommendation on organic fertilizer requirement and seed coating with bio-fertilizers	Recommendation on organic fertilizer requirement and seed coating with bio-fertilizers for agricultural production and conducting research to develop recommendation on organic fertilizer requirement for the crops which are not available	ADG soil and water management
6.	Land Use Policy	Conducting extensive research on Land Use Policy for the period of 5 years in order to develop Policy on Land Use	ADG soil and water management
7.	Micro-level extension services	Implementation of Micro-level extension services and Farmers- Extension Worker-interface at district level for technology dissemination	DDG, Agricultural Extension in association with ATMA
8.	Availability of yellow vein mosaic virus disease resistant varieties of mungbean	Providing information to the States about availability of yellow vein mosaic virus disease resistant varieties of mungbean within one week period and getting indent from the State for breeder seed of resistant varieties	ICAR-RCER
9.	Development of 120 days short duration variety of pigeonpea	Development of 120 days short duration variety of pigeonpea within 3 years period and distribution of breeder seed to all the three States	ICAR-IIPR

10.	Proposal for doubling farmers' income (DFI)	Submitting proposal for doubling farmers' income (DFI)	RAU and ICAR-NCAP/NIAP
11.	Assessment of breeder seed requirement of pulses and oilseeds	Assessment of breeder seed requirement of pulses and oilseeds and submission of indent for breeder seeds	State Departments of Agriculture and SAUs of Bihar, Jharkhand and UP
12.	Proposal for promoting summer mungbean	Submission of proposal to the State Government of Bihar for promoting summer mungbean	RAU and ICAR-RCER
13.	Export zone identification and land specific cultivation	Identification of export zone and land specific crop cultivation	State Departments of Agriculture and SAUs of Bihar, Jharkhand and UP, all the ICAR institutes belong to three States/IISR, IIVR, RCER, IISS, CISH will support it with available technologies like value-chain, post-harvest processing etc.

Animal Husbandry:

Sl. No	Thrust Areas/Issues	Action point/recommendation	Action to be taken
1.	Area/region-specific mineral mixture	Disseminating information about manufacturer, total requirement of area/region-specific mineral mixture and its cost to all the three States within one month period	ICAR-IVRI
2.	Characterisation of non-descriptive breeds	Characterisation of non-descriptive breeds in all three States within 2 years period	DDG, Animal Science
3.	Synchronization of oestrous	Synchronization of oestrous	DDG Animal Science, State Department of Animal Science of Bihar, Jharkhand and UP

4.	Sheep and goat improvement plan for Bundelkhand region	Sheep and goat improvement plan for Bundelkhand region within 2 months period	ICAR-CIRG
5.	Non-availability of breeding farm in Bihar	Addressing the problem of non-availability of breeding farm in Bihar	State Department of Animal Husbandry of Bihar
6.	Policy initiatives on <i>Annapratha</i>	Policy development on <i>Annapratha</i>	State Departments of Agriculture / Animal Husbandry of Uttar Pradesh)
7.	Assessment and improvement of duck breeds	Assessment of duck breeds available in all the three States and formulation of action plan for improvement of duck breed	DDG, Animal Science, ICAR-CARI

Fishery Science:

Sl. No	Thrust Areas/Issues	Action point/recommendation	Action to be taken
1.	Seed certification and hatchery accreditation	Implementation of seed certification and hatchery accreditation	State Department of Fisheries of Bihar, Jharkhand and Uttar Pradesh
2.	Skill development on fish breeding	Intimation and sharing information to the Secretary of Bihar, Jharkhand and Uttar Pradesh about skill development on fish breeding within 15 days period	DDG Fisheries Science
3.	Implementation of small-scale fish feed plant in Jharkhand and UP	To study the small-scale fish feed plant in Jharkhand and to explore the possibility of implementation in Uttar Pradesh	DDG Fisheries Science
4.	Action plan for wetland fisheries	Development of action plan for wetland fisheries development and sharing information with the State Department of Bihar, Jharkhand and Uttar Pradesh	DDG Fisheries Science, ICAR-CIFA, ICAR-CIFRI
5.	Supporting broodstock and skill development	Supporting broodstock and providing handholds to the State Department of Fisheries of Bihar, Jharkhand and Uttar Pradesh	ICAR-CIFRI, ICAR-CIFA, ICAR-NBFGR and State Department of Fisheries of Bihar, Jharkhand and Uttar Pradesh
6.	Reducing interest rate of bank loan	Reducing interest rate of bank loan for fisheries farmers	DDG Fisheries Science

Horticulture:

Sl. No	Thrust Areas/Issues	Action point/recommendation	Action to be taken
1.	Makhana value chain, technology testing, export and trade and harvesting technique	Development of value chain, testing of technology, nutritional profiling, linking with foreign market, exploring export potential and trade, arrangement of kishan gosthi and development of diving kit for makhana harvesting. Identification of collaborators and assignment of activities within 3 months period	ICAR-RCER Research Centre for Makhana, Darbhanga
2.	Bulletin preparation of rejuvenated orchards and proposal submission for orchard rejuvenation	Preparation of bulletin of 22 rejuvenated orchards and submission of proposal of one year planning for orchard rejuvenation within one month period	ICAR-NRC on Litchi
3.	Skill and entrepreneurship development for rejuvenation of old orchard	Action plan formulation for skill development and entrepreneurship development for rejuvenation of old orchard within one month	ICAR-NRC on Litchi.
4.	Demonstration of orchard rejuvenation model, proposal submission for increasing fund allotment for orchard rejuvenation and highlighting success story	Demonstration on established orchard rejuvenation model to the farmers, submission of proposal for increasing allotment of funds for rejuvenation of orchard from existing Rs 300/- per tree to Rs 900/- per tree and highlighting success story of top-grafting in mango in the experimental plots	ICAR-RCER
5.	Apple orchard rejuvenation	Action plan for apple orchard rejuvenation	ICAR-CISH
6.	Non-lifting of seeds/seed materials of Litchi and Potato by State Department of Agriculture	Communication to the State Government regarding non-lifting of seeds/seed materials of Litchi and Potato by State Department of Agriculture after giving indent and pending payment of this venture	ICAR-NRC on Litchi
7.	Package-of-practices of water management with pusa hydrogel/cumijal), soil management, animal husbandry,	Taking leadership for developing sustainable package-of-practices of water management (exploring the benefits of pusa hydrogel/cumijal), soil management, animal husbandry, horticulture and fodder production in Bundelkhand Region	DDG, Agricultural Extension

	horticulture and fodder production in Bundelkhand Region		
8.	Cold storage	Development of action plan to sort out cold storage problem	DDG, Horticulture
9.	Vegetable hybrid varietal evaluation between institute released varieties and varieties popularised by private agencies	Comparative evaluation between institute released vegetable hybrid varieties and hybrid varieties popularised by private agencies	ICAR-IIVR
10.	Round-the-year fruit production	Action plan for round-the-year fruit production	State Department of Horticulture, Jharkhand
11.	Information sharing of high-density planting with National Horticulture Mission	Sharing information about successful venture of high-density planting with National Horticulture Mission	DDG, Agricultural Extension
12.	Assessment of parameters and economics of high density planting	Assessment of rate of growth, canopy management, water management, micro-environment changes, disease and pest dynamics, total production, fruit quality and economic analysis of high density planting	ICAR-RCER
13.	Technology promotion of high density planting of mango and guava	Promotion of technology of high density planting of mango and guava in Jharkhand	ICAR-RCER, ICAR-CISH, State Department of Horticulture and SAU of Jharkhand
14.	Adequate planting material generation of vegetable crops and banana and creating centre for banana conservation	Conducting research on local varieties for providing adequate planting material of vegetable crops and banana and creation of centre for conserving diversity of banana in Hazipur	RAU
15.	Establishment of Agro-Processing centres	Establishment of each 5 Agro-Processing centres to all the three States in production catchment area	DDG, Agricultural Engineering
16.	Information sharing on low-cost storage for potato and onion	Sharing information, bulletin on low-cost storage for potato and onion with all the three States	DDG, Agricultural Engineering, SAUs of all the three States,

			National Horticulture Mission
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Extension:

Sl. No	Thrust Areas/Issues	Action point/recommendation	Action to be taken
1.	Taxes and other charges related matter of two KVKs in UP	Pursuing and resolving the matter of taking charges by the state government from two KVKs including charging Nagar Nigam taxes by the State Government of Uttar Pradesh.	ICAR-IIVR
2.	Assessment and ranking of KVKs	Expediting KVK ranking, time-to-time assessment, linking salary with ranking and improving performance of KVK	DDG, Agricultural Extension
3.	Proposal submission for community radio station	Submission of proposal to the State Governments for community radio station	SAUs of all the three States, ICAR and DARE
4.	Extension activities about agro-forestry produces and tree species model, separate bank account for KVKs, utilization of KVKs revolving fund, guidelines for recruiting KVK posts, training, demonstration and establishment of community radio station	Extension activities about planting, harvesting and marketing of the agro-forestry produce and development of tree species model. Ensuring separate bank account for KVKs by SAUs and utilization of revolving fund by KVKs only and for which guidelines should be followed strictly. Emphasis on conducting one-week/two-week programme rather than one or two day training programmes by the KVKs. ICAR guidelines must be followed for recruiting KVK posts. Strengthening training capacity of ICAR institutes and SAUs and training to the farmers about integrated farming, water conservation and soil health management. Providing seed materials of newly released varieties for demonstration to the farmers. Establishment of community radio station in each KVK on priority basis in RAU, Pusa and other universities.	Action to be taken by ATARI-Kanpur, ATARI-Kolkata

Education:

Sl. No	Thrust Areas/Issues	Action point/recommendation	Action to be taken
1.	Reorientation of Agriculture education in SAUs	Intimation to the State Governments to expedite the release of 25% contribution of total funds for education and to take necessary steps in minimising mushrooming of SAUs and Agricultural Colleges, restoring integration of all the disciplines of agriculture in SAU, bringing all the SAUs under single umbrella, encouraging SAUs to submit	DDG, Education and SAUs of all the three States

		proposal under CAFT training, expediting the process of University accreditation, implementation of 5 th Deans Committee Recommendations, implementation of ICAR guidelines about 25% seats in Ph.D for ICAR-SRF holder and maintaining flow of fund without reduction of fund for quality education	
2.	Information sharing with SAUs about different schemes	Sharing information with SAUs about different schemes like Experiential Learning Module, Niche Area of Excellence (NAE) programme, evaluating performance of faculties of SAUs, intimating Vice Chancellor of SAUs for timely implementation of Career Advancement Scheme and adoption of API scoring system	DDG, Education and SAUs of all the three States
3.	Viewpoints from SAUs on the Model Act of Agricultural Universities in India	Receiving viewpoints from SAUs on the Model Act of Agricultural Universities in India developed by ICAR (revised 2009)	DDG, Education
4.	Analysis on repetition of research work and displaying findings in the websites	Completion of analysis on repetition of research work and displaying findings in the websites within 6 months period	DDG, Education

General issues:

Sl. No		Action point/recommendation	Action to be taken
1.		Examining the issue of post-retirement benefits, limited faculty number, non-implementation of maternity leave, child-care leave for women scientists and non-implementation of family planning increment for teaching staff and communicate to the State Governments	ICAR Institutes