

# ICAR-KRISHI VIGYAN KENDRA, V.C.FARM, MANDYA

## ACTION PLAN 2021-22

### 1. General information about the Krishi Vigyan Kendra

1.1	Name and address of KVK with phone, fax and e-mail ID	:	<b>KRISHI VIGYAN KENDRA, V.C. FARM</b> MANDYA – 571 405, KARNATAKA Phone: 08232-277456 E-mail: kvkmandya@gmail.com, kvk.Mandya@icar.gov.in Web site: www.kvkmandya.org
1.2	Name and address of host organization	:	UNIVERSITY OF AGRICULTURAL SCIENCES GKVK, BENGALURU – 560 065
1.3	Year of sanction	:	2000
1.4	Website address of KVK and date of last update		www.icarkvkmandya.com

### 2. Details of staff as on date

Sl. No.	Sanctioned post	Name of the incumbent	Discipline	If permanent, please indicate		Date of joining	If temporary, pl. indicate the consolidated amount paid (Rs./month)
				Current pay band	Current pay		
2.1	Senior Scientist & Head	Dr. N.T. Naresh	Agril. Extension	98200	123025	28.06.2019	-
2.2	Scientist	Dr. Kamalabai Koodagi	Home Science	139400	174250	28.02.2007	-
2.3	Scientist	Dr. Atheefa Munawery	Soil Science	63000	78750	30.01.2018	-
2.4	Scientist	Dr. Roopashree, D.H	Agronomy	63000	78750	20.02.2018	-
2.5	Scientist	Dr. Pavithra, S.	Plant pathology	59400	74250	24.07.2018	-
2.6	Scientist	Dr. Jaishankar, H.P.	Horticulture	-	-	17.01.2019	45000/-
2.7	Scientist	Dr. Prakash, B.K.	Sericulture	-	-	04-07-2019	45000/-
2.8	Programme Assistant (Lab.)	Mr. Mahesha, H.M.	-	52000	65000	04.11.2010	-
2.9	Programme Assistant (Computer)	Mrs. Saritha, N	-	47600	59500	29.11.2013	-
2.10	Programme Assistant (Farm Manager)	Mrs. Apoorva, K.B	-	52000	65000	29.10.2010	-
2.11	Accountant/Superintendent	Mr. Yogesh, D.S	-	-	-		21600/-
2.12	Stenographer	Mrs. Sowjanya, Y.P	-	-	-	01.01.2016	19642/-
2.13	Driver 1	Mr. Ananda	-	27650-650-52650	-	16.10.2008	-
2.14	Driver 2	Mr. Girisha, V	-	21400-500-	-	16.08.2012	-

				42000			
2.15	Supporting staff 1	Mr.N. Mahadevaiah	-	19950-450-37900	-	16.10.2008	-
2.16	Supporting staff 2	Mr. Sannanigaiah	-	-	-	23.02.2013	12960/-

### 3. Details of SAC meeting conducted during 2021-22:

Date	Major recommendations	Status of action taken in brief	Reasons for no actions, if any
23.02.2021	Converge the activities of line departments in adopted village for effective implementation.	<ul style="list-style-type: none"> <li>Conducted animal health campaign with the help of veterinary department. Fifty seven animals were treated during the programme.</li> <li>Tree planting campaign was conducted on 05.06.2020 with the help of Forestry department.</li> <li>Two trainings on horticulture crops for fifty farmers were conducted along with department of Horticulture</li> </ul>	-
	Conduct demonstrations and training on tomato pin worm, integrated crop management and intercropping in coconut.	<ul style="list-style-type: none"> <li>Demonstrations on pinworm management in tomato were conducted at Juttanahalli village.</li> <li>Two on campus and one off campus trainings were conducted and fifty nine farmers were benefited by the training.</li> <li>Twice messages regarding pinworm management were sent to 45530 farmers via mKisan portal.</li> <li>Inter cropping of French bean var. Arka Arjun in coconut garden will be taken in the month of March-2021.</li> </ul>	-
	Create awareness to farmers on field problems observed during field visits of the district through SMS	Forty two short messages regarding different crops were sent to 47250 farmers via mKisan portal.	-
	Conduct trainings on control measures of Rugose white fly in Coconut to the farmers of the district.	<ul style="list-style-type: none"> <li>Three off campus training (29.07.2020, 05.08.2020 &amp; 25.09.2020) to ninety five farmers and one on campus training</li> </ul>	-

		<p>(14.10.2020) to thirty farmers were conducted on ICM in coconut.</p> <ul style="list-style-type: none"> <li>• Conducted off campus training on ICM in coconut on 27.01.2021 to hundred and ten farmers along with department of Horticulture, Maddur.</li> <li>• One off campus training on 29.09.2020 was conducted to FPO members of Maddur taluk.</li> <li>• Twice messages regarding rugose white fly management in coconut were sent to 45530 farmers via mKisan portal.</li> </ul>	
	Conduct trainings and demonstrations on Bivoltine silkworm rearing practices, Tree mulberry plantation and control of leaf roller outbreak.	<ul style="list-style-type: none"> <li>• Conducted training program on “Popularization of improved bi-voltine silkworm hybrid and tree mulberry plantation at Mallanayakanakatte, KVK, Madegowdanakoppalu and H.Kodihalli to 117 farmers on 19.09.2020, 09.10.2020 and 18.01.2021.</li> <li>• Conducted training programme (Off and On campus) on “Management of leaf roller in mulberry” at KVK, Madegowdanakoppalu, Thippapura, Chottanahalli and Marilinganadoddi to 113 farmers on 02.09.2020, 18.09.2020, 18.11.2020, 28.01.2021 and 06.02.2021 and also 2 times SMS sent through mKisan portal.</li> </ul>	-
	Organize trainings to farmers on improved fodder crops for dairy farming.	<ul style="list-style-type: none"> <li>• One on campus training on improved cultivation of fodder crops was conducted on 15.09.2020 and 25 farmers were benefited.</li> <li>• Ten demonstrations of COFS-29 multi cut sorghum was conducted in Mallanayakanakatte</li> </ul>	-

		and Hullenahalli village.	
	Activities under Paramparagath Krishi Vikas Yojana (PKVY) has to be taken up on selected farmers by motivating them for organic farming and complete the program successfully.	<ul style="list-style-type: none"> <li>• The activities of PKVY were conducted in Sollepura village of Maddur taluk. The farmers were selected and trained on different subject regarding organic farming.</li> <li>• Method demonstrations on use of pheromone traps in coconut, bordeaux mixture preparation for controlling diseases in different crops, compost and vermin compost preparation were taken.</li> <li>• To improve the soil fertility the inputs like neem cake, dahincha, sesbania seedlings were provided to farmers.</li> <li>• Demonstration on indigenous paddy variety sidda sanna in 10 ha. and drumstick were taken.</li> <li>• Few farmers have also under taken banana and sugarcane cultivation under organic farming and have been motivated to prepare chemical free jaggery.</li> </ul>	-

#### 4. Details of operational areas proposed during 2021-22 (Please refer to the implementation plan of DFI)

Clusters	Major crops & enterprises being practiced in cluster villages	Prioritized problems in these crops/ enterprise that limit yield and income	Extent of area (ha/No.) affected by the problem in the village	Proposed intervention (OFT, FLD, Training, extension activity etc.)*
<b>Cluster A</b>				
Hullenahalli, Holalu	Paddy	Low yield and quality, Lack of awareness on balanced nutrient management in salt affected condition, Boron deficiency in soil	30 ha	FLD, Trainings and other extension activities
	Pulses	Shortage of water for irrigation, Mono cropping, high cost of cultivation	20 ha.	OFT, Trainings and other extension activities
	Capsicum	Improper nutrient schedule, and pest and disease management	10 ha.	FLD, Trainings and other extension activities
	Papaya	Improper nutrient schedule, lack of awareness on use of micronutrients	10 ha.	FLD, Trainings and other extension activities
	Banana	Improper nutrient management, Lack of knowledge on bio-agents and ICM practices	25 ha.	FLD, Trainings and other extension activities

Clusters	Major crops & enterprises being practiced in cluster villages	Prioritized problems in these crops/ enterprise that limit yield and income	Extent of area (ha/No.) affected by the problem in the village	Proposed intervention (OFT, FLD, Training, extension activity etc.)*
	Mulberry	Poor Quality and low Yield of mulberry leads to low yield and poor quality cocoons	50 ha.	FLD, Trainings and other extension activities
	Nutritional Security	Less utilization of vegetables in diet. High cost and residual problems associated with fresh vegetables	90 % of population	EDP, Training and other extension activities
	Foxtail millet	Low income realization due to lack of knowledge on processing, value addition, labeling , packaging and branding	100 %	FLD, Trainings and other extension activities
	Bhendi	Higher incidence of Bhendi yellow vein Mosaic, Low yield	5.0 ha	FLD, Trainings and other extension activities
	Multi cut sorghum	Low yield, lack of awareness of High yielding multicut sorghum variety	2.0 ha	FLD, Trainings and other extension activities
	Mulberry	Severe incidence of sucking pest	10.0 ha	OFT, Trainings and other extension activities
	Ginger	High incidence of root rot and leaf spot	12 ha.	FLD, Trainings and other extension activities
<b>Cluster B</b>				
Yadaganahalli Maddur Tq.	Paddy	Incidence of blast (65-70%), sheath blight (32%), BPH (28%) and stem borer in paddy, Indiscriminate use of N fertilizers and Low yield & poor quality	150 ha	FLD, Trainings and other extension activities
Nellur, Maddur Tq.	Maize	Low yield due to use of local and private varieties, non application of micronutrients, labour scarcity for timely weeding, lack of knowledge on pest and disease management	10 ha	OFT, FLD, Training and other extension activities
	Ragi	Low yield , Lack of short duration varieties, Low income	60 ha	FLD, Training and other extension activities
<b>Cluster C</b>				
Nelamakanahalli Malavalli Tq.	Maize	Low yield due to use of local and private varieties, non application of micronutrients, labour scarcity for timely weeding, lack of knowledge on pest and disease management	60 ha	OFT, FLD, Training and other extension activities
	Mulberry	Low mulberry yield due to stunted growth due to apical portion affects, Alternate to chemical (Nuvan) as it is being banned, To assess biological means of management	65 ha.	OFT, Trainings and other extension activities
	Silkworm	Uneven maturation, Wastage of Mulberry leaf, Require more labour, Lack of awareness on Uniform maturation	250 family	FLD, Trainings and other extension activities
	Silkworm	Handicrafts as an enterprenurial activity for subsidiary	250 family	FLD, Trainings and other extension

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		income to the farm women		activities
	Field bean	Low yield due to use of local varieties, No seed treatment with biofertilizers and Indiscriminate use of plant protection chemicals	20 ha.	FLD, Trainings and other extension activities
<b>Cluster D</b>				
Brahmadevarahalli Nagamangala Tq.	Tomato	Severe pest and disease incidence, indiscriminate use of PP chemicals	10 ha	FLD, Training and other extension activities
	Capsicum	Improper nutrient schedule, and pest and disease management	100 ha.	FLD, Trainings and other extension activities
	Papaya	Improper nutrient schedule, lack of awareness on use of micronutrients	25 ha.	FLD, Trainings and other extension activities
	Cabbage	DBM incidence (%), Black rot incidence (%), No. & cost of sprays, Yield (t/ha), B:C ratio	80 ha.	FLD, Trainings and other extension activities
	Chilli	Lack of knowledge about resistant variety, Sucking pest incidence, indiscriminate use of PP chemicals	12 ha.	FLD, Trainings and other extension activities
	Potato	Lack of awareness on improved varieties and improper nutrient scheduling	80 ha.	FLD, Trainings and other extension activities
	Chrysanthamum	Improper bud opening, small flower size, Reduction in flower yield and quality	8 ha.	OFT, Trainings and other extension activities
	Ridgegourd	Lack of awareness about high yielding varieties and High incidence of fruit fly	18 ha.	FLD, Trainings and other extension activities

## 5. Technology assessment during 2021-22

Sl.No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of technology	Name of critical input	Qty per trial (q)	Cost per trial (Rs.)	No. of trials	Total cost (Rs.)	Parameters to be studied	Team members
5.1	Fodder	Low yield due to use of old varieties, Less palatability & Nutritionall	Assessing the performance of Hybrid Napier varieties in Mandya District	<b>TO 1:</b> GFY=90-95 t/ha, leaf to stem ratio=0.69, crude protein = 6-7% <b>TO 2:</b> GFY=100-110 t/ha, leaf to stem ratio=0.76, crude protein = 7.5-8.0% <b>TO 3:</b> GFY=115-120 t/ha, leaf to stem	FM  UAS-B  PAU,	Planting material  CO-3  BNH-10  PBN- 342	  1600  1600  1600	  1.0/slip  1.0/slip  1.0/slip	03	6400	<ul style="list-style-type: none"> <li>Plant height (cm),</li> <li>No. of tillers per plant,</li> <li>Leaf to</li> </ul>	Scientist-Hort., SS&AC & PP

Sl.No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of technolog y	Name of critical input	Qty per trial (q)	Cost per trial (Rs.)	No. of trials	Total cost (Rs.)	Parameters to be studied	Team members
		y low quality fodder		ratio=0.84, crude protein = 6-7% <b>TO4:</b> GFY=100-105 t/ha, leaf to stem ratio=0.63, crude protein = 6-7%	Ludhiana  Nakhonratcha sima Animal Nutrition Research and Development Center, Thailand	Super Napier	1600	1.0/slip			stem ratio • Green fodder yield (t/ha) • Palatabil ity (%)	
5.2	Chrysanthe mum	Improper bud opening, small flower size, Reduction in flower yield and quality	Assessment of growth regulator - GA <sub>3</sub> in enhancing Chrysanthe mum yield	<b>TO1:</b> Application of GA <sub>3</sub> @100 ppm after one month of pinching <b>TO2:</b> Application of GA <sub>3</sub> @ 50 ppm on 30 and 40 and 65 days after transplanting. Spraying of Borax- 0.1% at flowering stage, Pinching @ 35 DAT. <b>TO3:</b> Application of GA <sub>3</sub> @ 50 ppm on 30, 45 and 60 days after planting.	UHS(B)  IIHR(B)  TNAU, Coimbatore	<b>TO1:</b> GA <sub>3</sub>  <b>TO2:</b> GA <sub>3</sub> + Borax  <b>TO3:</b> GA <sub>3</sub>	20g  20g+20 0g  20g	6000  6200  6000	3	54,600	Plant height, Number of branches, No. of flowers/ pl, Flower weight, Yield and B:C ratio	Scientist- Hort., SS&AC & PP
5.3	Mulberry	Least leaf yield, lack of growth due to infestation and less cocoon yield	Assessment on Management of Mites and Thrips in Mulberry	<b>FP:</b> Spraying of Dichlorvos (0.2%), Dimethoate 30 EC (0.2%), Neem soap (10gm/L) at 12-15 DAP <b>TO1:</b> Spraying of Dimethoate 30% EC (0.2%) at 8 DAP & propargite 57 EC (0.15%) at 15 DAP <b>TO2:</b> Spraying of Dimethoate 30% EC	UAS Bengaluru  CSRTI,	Dimethoate  Propargite  Formathion  Shatpada- All rounder  Shatpada-	1500 ml  1000 ml  500 ml  16 kg  16 kg	900  1700  2000  200  200	3	35950	Soil fertility status Growth parameters Mites incidence (%) & Thrips incidence (%) No. & cost of sprays,	Scientist- PP, Seri, Prog. Asst.

Sl.No.	Crop/ enterprise	Prioritized problem	Title of intervention	Technology options	Source of technology	Name of critical input	Qty per trial (q)	Cost per trial (Rs.)	No. of trials	Total cost (Rs.)	Parameters to be studied	Team members
				(0.3%) at 8 DAP & Formathion (0.5%) at 15 DAP <b>TO3:</b> Spraying of Fungus (Shatpada-All rounder) - @ 20 gm/litre & Bacteria (Shatpada-Master Blaster) - @ 20 gm/litre	Mysuru  NBAIR, Bengaluru	Master Blaster  Neem soap  Soil Analysis	 2 kg 3	 300 200			Yield, B:C ratio	
5.4	Maize	High cost of cultivation, application of imbalanced fertilizer, low fertilizer use efficiency and lack of knowledge on use of nano fertilizer	Assessment of nano fertilizer (N & Zn) as source of nutrient on growth and yield of maize	<b>TO1:</b> Application of NP fertilizers as basal dose and top dressing with N fertilizer, no or low use of K fertilizer (Farmers Practice)  <b>TO2:</b> RDF: 10t/ha FYM + 100:50:25 NPK and Zn 10kg/ha, 50% N, full P & K as basal, 50% N at 30 DAS,  <b>TO3:</b> RDF: 12.5 t/ha FYM, 60:30:30 NPK kg/ha, 50%N, full P & K as basal, 50% N at tasseling stage  <b>TO4:</b> Application of 25% N as basal dose (25kg N/ha), full P & K as basal, 25% N at 25-30 DAS, N & Zn Nano fertilizer spray at 30 DAS (4ml/lit) and 20 days after first spray	FP  UAS-B  TNAU Coimbatore  (IFFCO – NBRC, Gujarath)	N based nano fertilizer  Zn based nano fertilizer  ZnSO4  Soil analysis	1 ltr  1 ltr  5 kg 5	500  500 700 1500	5	16000	Soil fertility status, plant height, cob weight, yield and B:C	: Scientist – SS & AC, Agron, PP, Hort, Hsc, PA, SS & H



Sl.No.	Crop/enterprise	Prioritized problem	Title of intervention	Technology options	Source of technology	Name of critical input	Qty per trial (q)	Cost per trial (Rs.)	No. of trials	Total cost (Rs.)	Parameters to be studied	Team members
5.5	Silkworm rearing	Severe infestation of uzifly during rainy and winter, more defective cocoon leads to low cocoon price	Assessment on efficacy of IPM for management of leaf roller in Mulberry	<b>T01:</b> No Plant protection measures <b>T02:</b> Mechanical management (knipping of apical portion @ initial stage) + Spray of neem oil @ 1 ml/liter (10000 PPM) <b>T03:</b> Chlorfenpyr 10% SC @ 1.5 ml/liter <b>T04:</b> Use of Trichogramma chilonis cards @ 4 cards / acre for 4 times	Farmers practice  UAS B  UAS B Research findings  CSRTI, Mysuru & UAS, B	Neem Oil  Chlorfenpyr 10% SC @ 1.5 ml/liter  Trichogramma chilonis cards	1.50 liters  2.00 liters  30 nos	640  200  300	5	5700	Yield /ha Economics	Scientist – Seri, PP., SS&H

## 6. Frontline demonstrations during 2021-22

Sl. No.	Category	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Name of variety	Name of hybrid	Source of technology	Name of critical input	Qty per demo (q)	Cost per demo (Rs.)	No. of demos	Total cost for the demo (Rs.)	Parameters to be studied	Team members
6.1	Cereals													
6.1.1	Nutrient Management in paddy for yield enhancement under salt affected soils	Paddy	Low yield and quality, lack of awareness on micro nutrient application,	<ul style="list-style-type: none"> <li>Rec. FYM 10 t/ha, Rec. dose of fertilizer (RDF): 100:50:50 NPK kg/ha. + ZnSo<sub>4</sub> 20 kg/ha (25% higher</li> </ul>	Tanu/ Jaya/ BR-2655	-	UAS(B), IIRR, Hyderabad	Gangavathi sona seeds Solubor Zinc sulphate	25 Kg 1 Kg 10 kg	900 400 900	10	37000	Growth and Yield, soil nutrient status, soil chemical characters, Economics	Scientists – Soil science, Agron, Plant protection, and SS & H

Sl. No.	Category	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Name of variety	Name of hybrid	Source of technology	Name of critical input	Qty per demo (q)	Cost per demo (Rs.)	No. of demos	Total cost for the demo (Rs.)	Parameters to be studied	Team members
			Boron deficiency in soil	application of Rec. fertilizers under salt affected) ▪ Advisory green manuring ▪ Foliar Spray of 0.2% Boron at flowering				Green manure (Dhaincha) Soil testing	20 kg 1	1200 300				
6.1.2				▪										
6.1.3	Integrated Crop Management in Maize	Maize	Low yield due to use of local and private varieties, non application	▪ Introduction of hybrid Maize MAH-14-5. ▪ Seed treatment with biofertilizer (Azospirillum	-	MAH-14-5	UAS (B)	Maize seeds Azospirillum PSB ZnSO <sub>4</sub> Atrazine	6.0 200 g 200g 4.0 1.00	660 20 20 340 190	10	21800	Growth parameters yield & economics	Scientists - Agron, S.Sc., Plant protection and SS & H

Sl. No.	Category	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Name of variety	Name of hybrid	Source of technology	Name of critical input	Qty per demo (q)	Cost per demo (Rs.)	No. of demos	Total cost for the demo (Rs.)	Parameters to be studied	Team members
			of micronutrients, labour scarcity for timely weeding, lack of knowledge on pest and disease management	and PSB @ 200g/acre each) ▪ Application of Zinc sulphate (8kg/acre) ▪ Application of pre emergence herbicide Atrazine @1 kg a.i. /ha ▪ Application of need based plant protection chemicals				Redomil MZ	1.00	950				
6.2	Millets													
6.2.1	Demonstration of short duration ragi variety KMR 630	Ragi	Low yield , Lack of short duration varieties, Low income	▪ Introduction of new and short duration variety KMR 630 ▪ Application of FYM @ 4 t/acre ▪ Seed treatment with bio-fertilizer (Azospirillum @ 200g/acre ) ▪ Line sowing	KMR 630	-	UAS (B)	Ragi seeds Azospirillum	5 kg 200 g	275 20	10	2950	Yield parameters , yield and economics	Scientists - Agron, S.Sc., Plant protection and SS & H
6.3	Oilseeds	-	-	-	-	-	-	-	-	-	-	-		
6.4	Pulses	-	-	-	-	-	-	-	-	-	-	-		
6.5	Commercial crops													
6.5.1	Popularization of improved silkworm	Silkworm rearing	Lack of awareness on Improved	Silkworm Bivoltine double hybrid FC-1 x FC-2	-	FC-1 x FC-2	CSRTI, Mysore	Bivoltine double hybrid FC-1 X	100 DFLs	3500	5	17500	Matured worm wt, Cocoon weight,	Scientist - Seri. & Prog. Asst

Sl. No.	Category	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Name of variety	Name of hybrid	Source of technology	Name of critical input	Qty per demo (q)	Cost per demo (Rs.)	No. of demos	Total cost for the demo (Rs.)	Parameters to be studied	Team members
	hybrid FC-1 x FC-2		hybrids, Low yield and poor quality					FC-2					shell ratio, Cocoon yield / 100 DFLs	
6.5.2														
6.5.3	Integrated Nutrient Management in Mulberry	Mulberry	Poor Quality and low Yield of mulberry leads to low yield and poor quality cocoons	7ml of Poshan/L Spraying on Mulberry leaves after 25-30 days after pruning	V-1	-	CSRTI, Mysore	Poshan Soil test	1 L. 1	300 200	10	5000	No. of leaves / plant, leaf yield / plant & ha. Cocoon yield/100 DFLs	Scientist - Seri. & Prog. Asst
6.5.4	Intercrops in wider spaced Mulberry garden	Mulberry	Lack of awareness about use of inter space between main crop & suitable fodder as intercrop	Mulberry with fodder crops (Cowpea) Improving soil fertility	-	-	CSRTI, Mysore	Cowpea Soil test	5 kg 1	500 200	10	7000	No. of leaves / plant, leaf yield / plant & Ha, Cocoon yield/100d fls	Scientist - Seri. & Prog. Asst
6.6	Horticultural crops													
6.6.1	Integrated crop management for capsicum production	Capsicum	Improper nutrient schedule, and pest and disease management	<ul style="list-style-type: none"> <li>FYM @ 25t/ha + Trichoderma @ 2kg /ha + Pseudomonas @ 2 kg /ha</li> <li>NPK 150:75:50 kg/ha (50% N &amp; 100% P, K as basal dose,</li> </ul>			IIHR, UAS,B	Trichoderma Pseudomonas Yellow sticky trap Blue sticky	1 Kg 1 kg 10 Nos 5 Nos	100 100 450 250	10	26000	Growth and Yield, soil nutrient status, disease and pest incidence Economics	Scientist – SS & AC, Hort, PP, Agron, SS & H

Sl. No.	Category	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Name of variety	Name of hybrid	Source of technology	Name of critical input	Qty per demo (q)	Cost per demo (Rs.)	No. of demos	Total cost for the demo (Rs.)	Parameters to be studied	Team members
				remaining 50%N @ 30 DAS) • Vegetable special 5 g/ L • Sowing at spacing 60 x 45 cm • Pongamia/ Neem soap 10gm/l for thrips, mites and aphids • Yellow sticky traps 25 No./ha • Blue sticky traps 20 No./ha and marigold crop as border and need based pp chemicals				trap						
								Pongamia/Neem soap	2 kg	700				
								Vegetable special	2 kg	400				
								Imidachloprid	100 ml	300				
								Soil testing	-	300				
6.6.2	Integrated nutrient management in papaya	Papaya	Improper nutrient schedule, lack of awareness on use of micronutrients	• FYM @ 10 kg per plant + Trichoderma 2kg and Pseudomonas 2kg • NPK 250:250:500 g per plant	Red lady	-	IIHR	Trichoderma	2 kg	200	5	15750	Growth and Yield, soil nutrient status, and Economics	
								Pseudomonas	2 kg	200				
								AMC liquid	5 L	1750				
								Boron	500g	300				
								Zinc sulphate	5 kg	400				

Sl. No.	Category	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Name of variety	Name of hybrid	Source of technology	Name of critical input	Qty per demo (q)	Cost per demo (Rs.)	No. of demos	Total cost for the demo (Rs.)	Parameters to be studied	Team members
				(Entire N and K divide in 6 split application once in 2 months commencing from 2 <sup>nd</sup> month of planting) <ul style="list-style-type: none"> <li>• Zinc sulphate 0.5% and Boron 0.1%</li> <li>• Sowing at spacing 1.8 x 1.8 m</li> <li>• AMC 10ml / L</li> </ul>				Soil testing	-	300				
6.6.3	Demonstration of Tomato Hyb. Arka Abhed	Tomato	Severe pest and disease incidence, indiscriminate use of PP chemicals	<ul style="list-style-type: none"> <li>• Hybrid Seed Arka Abhed</li> <li>• Use of bio-agent enriched FYM</li> <li>• Growing marigold as trap crop</li> <li>• Spray of vegetable special</li> <li>• Use of sticky traps,</li> <li>• Use of</li> </ul>	-	-	UHS, Bagalkot IIHR, Bengaluru	Arka Abhed seeds AMC Vegetable special WOTA T traps Y/B sticky traps Neem/Pongamia soap	30 g 2 L 3 kg 4 + 4 no. 20 no. 4 kg	900 600 600 500 1000 1000	5	25500	% pest incidence, % disease incidence, Growth and Yield parameters, B:C	Scientist – Plant prot., Horti., Prog. Asst

Sl. No.	Category	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Name of variety	Name of hybrid	Source of technology	Name of critical input	Qty per demo (q)	Cost per demo (Rs.)	No. of demos	Total cost for the demo (Rs.)	Parameters to be studied	Team members
				Pheromone traps • Use of Neem/Pongamia soap & Need based pp chemicals				Mancozeb	2.0 kg	500				
6.6.4	Integrated Crop Management in Cabbage	Cabbage	DBM (>42%) infestation, Poor quality head, Black rot, Poor nutrient management	<ul style="list-style-type: none"> <li>• Intercropping with Mustard (trap crop) (25:2), Installation of WOTA-T traps (DBM traps)</li> <li>• Use of Sticky traps, Spray of Bt (1ml/l), Neem Soap (5g/l)</li> <li>• Entomopathogenic fungi (<i>Beauveria bassiana</i>) (0.2%), Emamectin benzoate 5SG (0.05%), Chlorfenapyr 10SC (0.1%), Spinosad 2.5SC (0.15%), veg.spl</li> <li>• Spraying of CoC + Streptocycline</li> </ul>	-	Private hybrids	IIHR, Bangalore	Mustard seeds	0.5 kg	100	5	31000	DBM incidence (%), Black rot incidence (%), No. & cost of sprays, Yield (t/ha), B:C ratio	Scientist –PP, Horti, SS & H, SS & AC
								DBM Traps	5 No	400				
								Sticky traps	10 No	600				
								Neem soap	2 kg	530				
								Bt	2 lt	1320				
								<i>Beauveria bassiana</i>	1 lt	1250				
								Vegetable special	2 kg	400				
								Spinosad (micro +bial)	75ml	1600				
6.6.5				•										

Sl. No.	Category	Crop/enterprise	Prioritized problem	Technology to be demonstrated	Name of variety	Name of hybrid	Source of technology	Name of critical input	Qty per demo (q)	Cost per demo (Rs.)	No. of demos	Total cost for the demo (Rs.)	Parameters to be studied	Team members
6.6.6				•										
6.6.7														
6.6.8	Integrated Crop Management in Banana	Banana	Improper nutrient management, Lack of knowledge on bio-agents and ICM practices	<ul style="list-style-type: none"> <li>Arka Microbial Consortia</li> <li>Banana Special spray</li> <li>Bunch feeding (7.5g urea + 7.5 g sulphate of potash dissolved in 100 ml water + 500 g fresh cow dung)</li> <li>Spraying of propiconazole (1ml/lit)</li> </ul>			IIHR, Bangalore	AMC	5lit	1,500	5	21000	Bunch weight, No. of fingers, Yield and Economics	Scientist –Horti., PP, SS & AC, SS & H
								Trichoderma	4 Kg	400				
								Pseudomonas	4 kg	400				
								Banana special	6 kg	1200				
								Propiconazole	500ml	700				
6.7	Livestock	-	-	-	-	-	-	-	-	-	-	-	-	-
6.8	Fisheries	-	-	-	-	-	-	-	-	-	-	-	-	-
6.9	Others													
6.9.														



Sl. No.	Category	Crop/ enterprise	Prioritized problem	Technology to be demonstrated	Name of variety	Name of hybrid	Source of technology	Name of critical input	Qty per demo (q)	Cost per demo (Rs.)	No. of demos	Total cost for the demo (Rs.)	Parameters to be studied	Team members
1														
6.9.2														
6.9.3														
6.9.4														

## 7. Training for farmers/ farm women during 2021-22

Sl. No.	Thematic area and the crop/ enterprise	Crop / Enterprise	Related field intervention (OFT/FLD)	Training title	No. of courses	Expected No. of participants	Names of the team members involved
7.1	Crop production	Paddy	FLD	Integrated pest and disease management in Paddy	1	25	All Scientists
		Pulses	CFLD	Improved cultivation practices in	2	50	

				pulses			
		-	-	Integrated Farming System	1	25	
7.2	Horticulture production	Banana	FLD	ICM practices in Banana	1	25	
		Vegetables	FLD	ICM practices in vegetables	2	50	
		Drumstick	FLD	Integrated crop management in drumstick	1	25	
7.3	Livestock production	Fodder	FLD	Cultivation practices in forage crops	1	25	
7.4	Home Science	Nutritional Security	FLD	Utilization of underutilized foods towards achieving nutrition security	1	25	
7.5	Plant protection	Tomato	FLD	Integrated Crop Management in tomato	1	25	
		Cabbage	FLD	Integrated pest and disease management in Cabbage	1	25	
		Coconut	-	Coconut pest and disease management	1	25	
7.6	Production of inputs at site	-	-	-	-	-	
7.7	Soil health and fertility	-	-	Importance of soil, soil testing and soil test based fertilizer recommendation	1	25	
		Composting	OFT	Agriculture waste recycling – compost culture use	1	25	
		Fruits & Vegetables	FLD	Nutrient management in fruits and vegetables	1	25	
7.8	PHT and value addition	Millets	EDP	Entrepreneurship development through processing and value addition to millets	1	25	
		Value addition	FLD	Processing and value addition to horticulture crops	1	25	
7.9	Capacity building/ group dynamics	-	-	-	-	-	
7.10	Farm mechanization	-	-	-	-	-	
7.11	Fisheries production technologies	-	-	-	-	-	
7.12	Agro forestry	-	-	-	-	-	
7.13	Bee keeping	-	-	-	-	-	

7.14	Sericulture	Mulberry	OFT	Management of leaf roller	1	25	
		Silkworm rearing	FLD	Rearing of improved silkworm hybrid FC-1 x FC2	1	25	
		Silkworm rearing	FLD	Demonstration on phytoecdysteroid for synchronized maturation of silkworm	1	25	
		Mulberry	FLD	Intercrops in wider spaced mulberry garden	1	25	
7.16	Others, pl. specify						

### 8. Training for rural youth during 2021-22

Sl.No.	Thematic area and the crop/enterprise	Crop / Enterprise	Related field intervention (EDP/Skill development etc)	Training title	No. of courses	Expected No. of participants	Names of the team members involved
8.1	Crop production	-	-	-	-	-	-
8.2	Horticulture production	-	-	-	-	-	-
8.3	Livestock production	-	-	-	-	-	-
8.4	Home Science	Nutritional Security	FLD	Kitchen and terrace gardening for nutritional security	1	25	Scientist – Home Science & Horticulture
		Micro enterprises	-	Economic empowerment through micro enterprises	1	25	Scientist – Home Science and SS & H
8.5	Plant protection	-	-	-	-	-	-
8.6	Production of inputs at site	-	-	-	-	-	-
8.7	Soil health and fertility	Sericulture compost	OFT	Sericulture waste recycling – compost culture use	1	25	<b>Scientist – Soil Science &amp; Sericulture</b>
8.8	PHT and value addition	Value addition	EDP	Demonstration of minor millets value addition	1	25	Scientist – Home Science & Agronomy
		Value addition	FLD	Processing and preservation of fruits and vegetables	1	25	Scientist – Home Science & Horticulture
		Value	FLD	Cocoon bio crafts for	1	25	Scientist – Home

		addition		income generation of rural women			Science & Sericulture
8.9	Capacity building/ group dynamics	-	-	-	-	-	-
8.10	Farm mechanization	-	-	-	-	-	-
8.11	Fisheries production technologies	-	-	-	-	-	-
8.12	Mushroom production	Value addition	-	Mushroom cultivation and its value addition	1	25	Scientist – Home Science & Horticulture
8.13	Agro forestry	-	-	-	-	-	-
8.14	Bee keeping	-	-	-	-	-	-
8.15	Sericulture	-	-	-	-	-	-
8.16	Others, pl. specify	-	-	-	-	-	-

#### 9. Training for extension personnel during 2021-22

Sl.No.	Thematic area and the crop/ enterprise	Training title	No. of courses	Expected No. of participants	Names of the team members involved
9.1	Crop production				
9.2	Home Science	Nutrition and health education to combat malnutrition	1	30	Scientist – Home Science
		Food, health and nutrition for preschool children	1	30	Scientist – Home Science & Plant protection
		Low cost Nutri rich foods for pre schoolers	1	30	Scientist – Home Science & Horticulture
		Food, health and care during pregnant and lactating mothers	1	30	Scientist – Home Science & Agronomy
9.3	Capacity building and group dynamics	-	-	-	-
9.4	Horticulture	-	-	-	-
9.5	Livestock production and management	-	-	-	-
9.6	Plant protection	-	-	-	-
9.7	Farm mechanization	-	-	-	-

9.8	PHT and value addition	-	-	-	-
9.9	Production of inputs at site	-	-	-	-
9.10	Sericulture	Improved Mulberry cultivation and Silkworm rearing practices	1	30	Scientist – Sericulture
9.11	Fisheries	-	-	-	-
9.12	Other: Soil Science	Nutrient deficiencies, management and soil test based fertilizer recommendation	1	30	Scientist – S.Sc.

## 10. Vocational trainings during 2021-22

Sl. No.	Thematic area and the crop/ enterprise	Training title	No. of programmes	Duration (days)	Expected No. of participants	Sponsoring agency, if any	Names of the team members involved
10.1	Crop production	-	-	-	-	-	-
10.2	Home Science	-	-	-	-	-	-
10.3	Capacity building and group Dynamics	-	-	-	-	-	-
10.4	Horticulture	-	-	-	-	-	-
10.5	Livestock production and management	-	-	-	-	-	-
10.6	Plant protection	-	-	-	-	-	-
10.7	Farm mechanization	-	-	-	-	-	-
10.8	PHT and value addition	-	-	-	-	-	-
10.9	Production of inputs at site	-	-	-	-	-	-
10.10	Sericulture	-	-	-	-	-	-
10.11	Fisheries	-	-	-	-	-	-
10.12	Other, pl. specify	-	-	-	-	-	-

## 11. Sponsored trainings during 2021-22

Sl.No.	Thematic area and the crop/ enterprise	Training title	No. of programmes	Duration (days)	Expected number of participants	Sponsoring agency	Names of the team members involved
11.1	Crop production	-	-	-	-	-	-

11.2	Home Science	-	-	-	-	-	-
11.3	Capacity building and group Dynamics	-	-	-	-	-	-
11.4	Horticulture	-	-	-	-	-	-
11.5	Livestock production and management	-	-	-	-	-	-
11.6	Plant protection	-	-	-	-	-	-
11.7	Farm mechanization	-	-	-	-	-	-
11.8	PHT and value addition	-	-	-	-	-	-
11.9	Production of inputs at site	-	-	-	-	-	-
11.10	Sericulture	-	-	-	-	-	-
11.11	Fisheries	-	-	-	-	-	-
11.12	Others, pl. specify	-	-	-	-	-	-

## 12. Extension activities during 2021-22

Sl. No.	Extension activity	No. of activities	Targeted number of participants	Names of the team members involved
12.1	Advisory services	1500	1500	Senior Scientist & Head, Scientists and staff
12.2	Diagnostic visits	15	60	
12.3	Field days	20	1000	
12.4	Group discussions	50	550	
12.5	Kisan goshthies	-	-	
12.6	Film shows	25	300	
12.7	Self –Help Groups (SHGs) meetings	-	-	
12.8	Kisan Melas	-	-	
12.9	Exhibitions	10	2500	
12.10	Scientists' visit to farmers fields	400	1500	
12.11	Plant/soil health/animal health camps	3	350	
12.12	Farm science club meetings	-	-	
12.13	Ex-trainees sammelans (Meetings)	-	-	

12.14	Farmers' seminars/workshops	-	-	
12.15	Method demonstrations	30	650	
12.16	Celebration of important days	5	75	
12.17	Special day celebrations	10	350	
12.18	Exposure visits	10	450	
12.19	Technology week celebration	1	350	
12.20	Farmers Field School (FFS)	-	-	
12.21	Farm innovators meet	-	-	
12.22	Awareness programmes	3	450	
12.23	Pre-kharif campaign	1	150	
12.24	Pre-rabi/summer campaign	1	150	
12.25	Others, pl. specify	-	-	

### 13. Activities proposed as knowledge and resource centre during 2021-22

#### 13.1 Technological knowledge

Sl. No.	Category	Details of technologies	Area (ha)	Number	Names of the team members involved
13.1.1	Technology park/ crop cafeteria	Mango	0.2	5	Senior Scientist & Head, Scientists, Farm Manager and Programme Assistant
		Sapota		5	
		Ramphal		5	
		Leafy vegetables		100 bundles	
		Forage crops		2 t	
		Border plantation – Melia Dubia		10	
		Drumstick		15	
		Curry leaf		8	
		Medicinal plants		15	
13.1.2	Demonstration units	Precision farming in vegetables	0.1	2 ton	Scientist (Hort.), Farm Manager
		Compost	43.18 sq.m	5 ton	Scientist (SS & AC), Farm Manager
		Fish pond	300 sqm	50 Kg	Scientist (H.Sc.), Farm Manager
		Low cost rearing unit	23 x 33 ft	200 Kg	Scientist (Sericulture), Farm Manager
		Paddy	2.5	100 q	Scientist (Agronomy), Farm Manager
		Fodder	0.2	2 ton	Scientist (Agronomy), Farm Manager
		Mulberry	0.4	2 q	Scientist (Sericulture), Farm Manager
		Nutrition Garden	0.01	20 Kg	Scientist (Home Science), Farm Manager

		Sugarcane	0.03	6-7 ton	Scientist (Agronomy), Farm Manager
		Sheep and goat	2 guntas	-	Senior Scientist & Head, Scientists & Farm Manager
		Poultry	2 guntas	-	Senior Scientist & Head, Scientists & Farm Manager
13.1.3	Lab analytical services	Soil and Water testing	-	1000 (Soil & Water Samples)	Scientist (Soil Science)
13.1.4	Technology week	Crop cafeteria	0.2	1 q.	Senior Scientist & Head, Scientists & Farm Manager
		Precision farming in Vegetables	0.1	2 ton	Scientist (Horticulture), Farm Manager
		Vermicomposting	2 Unit	100 Kg	Scientist (SS & AC), Farm Manager
		Fodder bank	0.2	2 ton	Scientist (Agronomy), Farm Manager
		Nutrition Garden	0.01	50 Kg	Scientist (Home Science), Farm Manager

### 13.2 Technological products

Sl. No.	Category	Name of the production partner agency, if any	Name of the product	Quantity planned to be produced during 2021-22 (q)	Number planned to be produced during 2021-22	Names of the team members involved
13.2.1	Seeds	-	Paddy	100.0	-	Scientist – Agronomy
13.2.2	Planting material	-	Coconut seedlings	-	2000	Scientist – Horticulture
			Drumstick seedlings	-	12000	Scientist – Horticulture
			Chakramuni	-	3500	Scientist – Horticulture
13.2.3	Bio-products	-	Trichoderma	500 kg	-	Scientist –Plant Prote.
			Pseudomonas	500 kg		Scientist –Plant Prote.
13.2.4	Livestock strains	-	-		-	-
13.2.5	Fish fingerlings	-	-	-	-	-
13.2.6	Any other, pl specify	-	Cocoon production	2 q-	-	Scientist – Sericulture, Farm Manager

### 13.3 Technological information

Sl. No	Category	Technological capsules/lectures/number	Names of the team members involved
13.3.1	Technology backstopping to line departments		
	a. Agriculture	Drum seeder technology & Direct seeded rice technology using tractor drawn seed drill, other water saving techniques in different crops	Scientists – Agron., S.Sc. Senior Scientist & Head



	b. Horticulture	Importance of hybrid varieties and disease tolerant varieties in vegetables and fruit crops	Scientists – Horti., PP Senior Scientist & Head
	c. Animal Husbandry	Introduction of improved varieties of fodder crops	Scientists- Agron. Senior Scientist & Head
	d. Fisheries	-	-
	e. Agricultural Engineering	Usage of tractor drawn Seed drill in paddy sowing	Scientists- Agron. Senior Scientist & Head
	f. Sericulture	-	-
	g. Others, pl. specify	-	-
13.3.2	Literature/publication	INM in capsicum / 500 number	Scientists –S.Sc. PP, Agron.
		ICM in maize / 500 number	Scientists – Agron, S.Sc. PP
		Diseases and its management in Tomato / 500 number	Scientists – PP, S.Sc.
		Management of leaf roller in mulberry	Scientists – Sericulture
13.3.3	Electronic media	Videos (Soil Sampling Plant nutrient deficiency symptoms & management) – 2 Nos.	Scientist – Soil Science
13.3.4	Kisan mobile advisory services	Crops, Awareness, Livestock, Weather, Marketing / 125 msg	All Scientists and Programme Assistant (Computer)
13.3.5	Advisory through whats app groups	Crops, Awareness, Livestock, Weather, Marketing / 42 groups	All Scientists and Programme Assistant (Computer)
13.3.6	Information on centre/state sector schemes and service providers in the district (Data may be collected from different agencies).	Department of Agriculture, Horticulture, Sericulture, Women and Child Development, Animal Husbandry, Fishery, Forestry	All Scientists

#### 14. Additional activities planned during 2021-22

Sl. No.	Name of the agency / scheme	Name of activity	Technical programme with quantification	Financial outlay (Rs.)	Names of the team members involved
1.	Seed hub project	Pulse Seed production under seed hub project	200 q. pulse seeds production and sales	1,50,00,000	All Scientists & staff
2.	NFSM- Cluster Frontline Demonstration	Frontline demonstrations on pulses	<b>Kharif 2021-22</b> Cowpea – 20 ha. Blackgram – 10 ha  <b>Summer 2020-21</b> Blackgram – 10ha	3,60,000	Scientists - Agronomy, Soil Science, Plant Pathology and SS&H

#### 15. Revolving fund

### 15.1 Financial status of revolving fund

Opening balance as on 01.04.2020 (Rs.in Lakh)	Expenditure incurred during 2020-21 (Rs.in Lakh)	Receipts during 2020-21 (Rs. in Lakh)	Closing balance as on 31.03.2021 (Rs. in Lakh)
7.57	18.39	18.02	7.20

### 15.2 Plan of activities under revolving fund

Sl. No.	Proposed activities	Expected output	Anticipated income (Rs.)	Names of the team members involved
15.2.1	Coconut Nursery	2000 seedlings	1,50,000	Farm Manager, Scientist- Horti.
15.2.2	Drumstick seedlings	12000 Seedlings	1,44,000	Farm Manager, Scientist- Horti.
15.2.3	Production of vegetables	1 q.	60,000	Farm Manager, Scientist- Horti.
15.2.4	Paddy seed production	100 q.	1,10,000	Farm Manager, Scientist- Agronomy
15.2.5	Cocoon production	200 Kg	1,00,000	Farm Manager, Scientist- Sericulture
15.2.6	Coconuts	12000 nuts	2,00,000	Farm Manager, Scientist- Horti.
15.2.7	Ragi malt	200 kg	40,000	Scientist – H.Sc. & Training Assistant
15.2.8	Trichoderma	500 kg	50000	Scientist – Plant Protection
15.2.9	Pseudomonas	500 kg	50000	Scientist – Plant Protection

### 16. Activities of soil, water and plant testing laboratory during 2021-22

Sl.No.	Type of samples	No. of samples to be analyzed	Names of the team members involved
16.1	Soil test using analytical lab	750	Scientist – SS&AC
16.2	Soil test using mobile analysis kit	-	-
16.3	Water	300	Scientist – SS&AC
16.4	Plant	-	-
16.5	Others, pl. specify	-	-

**17. E-linkage during 2021-22**

Sl. No	Nature of activities	Likely period of completion (please set the time frame)	Remarks if any
17.1	Title of the technology module to be prepared	-	-
17.2	Creation and maintenance of relevant database system for KVK	KVK mandated activities maintaining in Excel format	-
17.3	Any other (Please specify)	-	-

**18. Activities planned under rainwater harvesting scheme (only to those KVKs which are already having scheme under rain water harvesting): Nil**

Sl. No	Activities planned	Remarks if any
-	-	-

**19. Farmers Field School (FFS) planned:**

Thematic area	Title of the FFS	Budget proposed in Rs.
Pest Management	Integrated Pest and Disease Management in Paddy	30,000

**20. Integrated Farming System (IFS) planned: Nil**

Description of model(s)	No. of models/units	Budget proposed in Rs.
-	-	-

## 21. Details of budget utilization (2020-21)

(Rs.)				
Sl.No.	Particulars	Sanctioned	Released	Expenditure
<b>21.1</b>	<b>(A). REVENUE (Recurring Contingencies)</b>			
21.1.1	<b>Pay &amp; Allowances</b>	1,12,13,000	1,00,00,000	9367565
21.1.2	<b>Traveling allowances</b>	77,000	1,60,000	155656
21.1.3	<b>Contingencies</b>			
21.1.3.a	<i>Stationery, telephone, postage and other expenditure on office running, publication of Newsletter</i>	1,20,000	2,10,000	212596
21.1.3.b	<i>POL, repair of vehicles, tractor and equipments</i>	1,50,000	2,25,000	222329
21.1.3.c	<i>Food/refreshment for farmers/extension personnel @ Rs.150/person/day</i>	55,000	85,000	81488
21.1.3.d	<i>Training material (need based materials and equipments for conducting the training)</i>	15,000	30,000	29498
21.1.3.e	<i>Frontline demonstrations</i>	2,10,000	2,60,000	258886
21.1.3.f	<i>On farm testing (OFTs)/Technology Assessment</i>	30,000	40,000	30000
21.1.3.g	<i>Integrated Farming System (IFS) (Min. 5 Units)</i>	-	-	-
21.1.3.h	<i>Training of extension functionaries</i>	25,000	35,000	34441
21.1.3.i	<i>Extension activities/services</i>	25,000	45,000	44981
21.1.3.j	<i>Farmers' Field School</i>	-	-	-
21.1.3.k	<i>EDP (2 Nos.) / Innovative activities</i>	-	-	-
21.1.3.l	<i>Soil &amp; water testing &amp; issue of soil health cards</i>	25,000	30,000	29953
21.1.3.m	<i>Maintenance of building</i>	-	50,000	49000
21.1.3.n	<i>Nutrition garden</i>	25,000	25,000	24678
21.1.3.o	<i>Conference on Extension/Farmers Science Congress</i>		25,000	22086
21.1.3.p	<i>Library (Purchase of Journals, Periodicals, News Papers&amp; Magazines)</i>	3,000	10,000	9913
	<b>Total Recurring</b>	<b>1,19,73,000</b>	<b>1,12,30,000</b>	<b>1,05,73,070</b>
<b>21.2</b>	<b>(B). CAPITAL (Non-Recurring Contingencies)</b>			
21.2.1	<b>Equipments&amp; Furniture</b>	-	-	-
21.2.2	<b>Works</b>	-	-	-
21.2.3	<b>Vehicle</b>	-	-	-
21.2.3 a	Four wheeler (replacement)	-	-	-
21.2.4	<b>Library</b>	-	-	-
	<b>Total Non Recurring</b>	-	-	-
<b>21.3</b>	<b>(C). REVOLVING FUND</b>	-	-	-
	<b>GRAND TOTAL (A+B+C)</b>	<b>1,19,73,000</b>	<b>1,12,30,000</b>	<b>1,05,73,070</b>

## 22. Details of Budget Estimate based on proposed action plan (2021-22)

Sl.No.	Particulars	BE 2020-21 proposed (Rs.)
<b>22.1</b>	<b>(A). REVENUE (Recurring Contingencies)</b>	
21.1.1	<b>Pay &amp; Allowances</b>	1,10,00,000
22.1.2	<b>Traveling allowances</b>	250000
22.1.3	<b>Contingencies</b>	
22.1.3.a	<i>Stationery, telephone, postage and other expenditure on office running, publication of Newsletter</i>	265000
22.1.3.b	<i>POL, repair of vehicles, tractor and equipments</i>	300000
22.1.3.c	<i>Food/refreshment for farmers / extension personnel @ Rs.150/person/day</i>	70000
22.1.3.d	<i>Training material (need based materials and equipments for conducting the training)</i>	60000
22.1.3.e	<i>Frontline demonstrations</i>	424155
22.1.3.f	<i>On farm testing (OFTs)/Technology Assessment</i>	64905
22.1.3.g	<i>Integrated Farming System (IFS) (Min. 5 Units)</i>	
22.1.3.h	<i>Training of extension functionaries</i>	25000
22.1.3.i	<i>Extension activities/services</i>	60000
22.1.3.j	<i>Farmers' Field School</i>	-
22.1.3.k	<i>EDP (1 Nos.) / innovative activities</i>	14000
22.1.3.l	<i>Soil &amp; water testing &amp; issue of soil health cards</i>	25000
22.1.3.m	<i>Maintenance of building</i>	50000
22.1.3.n	<i>Library (Purchase of Journals, Periodicals, News Papers &amp; Magazines)</i>	5000
22.1.3.o	<i>Others, pl. specify</i>	-
	<b>Total Recurring (A)</b>	<b>12613060</b>
<b>22.2</b>	<b>(B). CAPITAL (Non-Recurring Contingencies)</b>	
22.2.1	<b>Equipments &amp; Furniture</b>	-
22.2.2	<b>Works</b>	-
22.2.3	<b>Vehicle</b>	-
22.2.3.a	<i>Four wheeler (replacement)</i>	-
22.2.4	<b>Library</b>	-
	<b>Total Non Recurring (B)</b>	-
	<b>Grand Total (A + B)</b>	<b>12613060</b>

-:O:-