# FORMAT FOR ANNUAL ACTION PLAN OF THE KVKs IN ZONE IX

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#### **Instructions for Filling the Format**

- 1. Do not change/modify/ delete any column of any of the table. However, additional rows can be created, if required.
- 2. Do not merge columns, rows.
- 3. Please repeat the name of KVK in each table in the column "Name of KVK".
- 4. Do not fill the non-numerical values in numeric field
- 5. Do not repeat the unit while reporting data as it is already mentioned in the heading row
- 6. Strictly fill the data in desired unit only. If it is reported in other unit, convert it in the desired unit
- 7. Please mention only Standard English names of crops (Do not mention Urd, Arhar, Til, Kulthi, Moong, Bajra, etc.)
- 8. Additional relevant information may be provided at the end of Format mentioning "Additional Information"
- 9. Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.

# **Note for Annual Action Plan 2018-19**

- 1) Kindly fill up only targeted/ proposed information for Annual Action Plan-from 1<sup>st</sup> April, 2018 to 31<sup>st</sup> March 2019 in the table no.1,(1.1,1.2,1.3,1.4), 2.1, 3.2, 3.4, 3.5, 4.0, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6 6.0, 7.1, 7.2, 7.3, 7.4, 8.1, 9.0, 10.0, 11, 12.1, 12.2, 12.3, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29. Remaining of the column and tables will be filled up after completion of the work as Annual Progress Report.
- 2) Any other activities proposed not mentioned in this format may be incorporated in the last page with certain specification.

## PERIOD – April 2018 to March, 2019

## **Summary of the activities**

KVK	Activity		Target	Ach	ievement	
Name		Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries	Total value of resource generated/Fund received from diff. sources (Rs.)
	OFTs	18	77			
	FLDs – Oilseeds (activity in ha)	02	24			
	FLDs – Pulses (activity in ha)	03	36			
	FLDs – Cotton (activity in ha)					
	FLDs – Other than Oilseed and pulse crops(activity in ha)	06	73			
	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	06	72			
	Training-Farmers and farm women	37	2200			
	Training-Rural youths	07	350			
	Training- Extension functionaries	04	100			
	Extension Activities	282	Mass			
	Seed Production (Number of activity as seeds in quintal)	350				
	Planting material ((Number of activity as quantity of planting material in quintal)	550				
	Seedling Production (Number of activity as number of seedlings in numbers)	600				
	Sapling Production (Number of activity as number of sapling in numbers)	600				
	Other Bio- products (No. of quantity)	01	120			
	Live stock products	01	25			
	Activities of Soil and Water Testing Laboratory	00				
	Rainwater Harvesting System	00				

KVK	Activity		Target	Ach	ievement	
Name		Number	No. of farmers/	Number of	No. of farmers/	Total value of resource
		of	beneficiaries	activity	beneficiaries	generated/Fund received
		activity				from diff. sources (Rs.)
	Kisan Mobile Advisory (KVK-KMA)	50	40000			
	SAC Meeting (Date & no. of core/ official members)	01	50			
	Literature to be Developed/Published	25	Mass			
	Convergence programmes / Sponsored programmes	04				
	Utilization of Farmers Hostel	00				
	Utilization of Staff Quarters	00				
	Details of KVK Agro-technological Park	01				
	Crop Cafeteria-	05	Mass			
	Farm Innovators- list of 10 farm innovators from the District	05				
	Status of Revolving Funds	00				
	Awards and Recognitions	00				
	Case study / Success Story to be developed	05				
	KVK Progressive Farmers interaction	30				
	Outreach of KVK in the District (No. of blocks, no. of villages)	04				
	Technology Demonstration under Tribal Sub Plan	03	100			
	KVK Ring	02	Mass			
	Important visitors to KVK	30	Mass			
	Status of KVK Website	01	Mass			
	Status of RTI	00	-			
	E-connectivity	00				
	Details of Technology Week Celebrations	05	Mass			
	Interventions on Drought Mitigation	10	Mass			
	Proposal of NAIP	00	-			
	Proposal of NICRA	00	-			
	Well labeled photographs	40				
	Other Activities	10	200			

## 1. GENERAL INFORMATION

## 1.1. Staff Position (as on date)

Name of KVK	Sanctioned	PC	(1)	SMS	S (6)	PA	(3)	Adm	n. (6)	To	tal
	Posts	Sanc.	Filled								
KAWARDHA	16	1	0	6	4	03	3	6	5	16	12

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of Specializa tion	Pay scale	Presen t pay	Date of joining	Per. /Temp.	Categor y
Kawardha	Senior Scientist and Head	Vacant				37400- 67000+8000 Rs. 9000				
Kawardha	Subject Matter Specialist1	Dr. B.P.Tripathi (I/c Senior Scientist and Head)	Plant Pathology	Ph. D.	Plant Pathology	15600-39100 + 5400 AGP		06.09.12		Others
Kawardha	Subject Matter Specialist2	Er. T.S.Sonwani	F.M.P	M. Tech.	F.M.P	15600-39100 + 5400 AGP		10.09.12		SC
Kawardha	Subject Matter Specialist3	Sh. B.S. Parihar	Agronomy	M.Sc.	Agronomy	15600-39100 + 5400 AGP		18.09.14		Others
Kawardha	Subject Matter Specialist4	Miss Manisha Khaparde	Fisheries	M.Sc.	Fisheries	15600-39100 + 5400 AGP		01.10.14		SC
Kawardha	Programme Assistant	Smt. Swati Sharma	Entomology	M.Sc.	Entomology	9300-34200+4200 AGP		05.11.14		Others
Kawardha	Farm Manager	Farm Manager (Contractual)	Sh.P.K.Sinha	Soil Science	M.Sc.	Soil Science		18900/-	22.12.2017	
Kawardha	Computer Programmer	Mr. Yogesh Kumar Kaushik	Information Technology	BE (IT)	Information Technology	9300-34200+4200 AGP		12.07.2013		OBC
Kawardha	Accountant / superintendent	Shri A. K. Khare		M. A.		5200 - 20200 + 2800 AGP		28.07.10		SC
Kawardha	Stenographer	Vacant								
Kawardha	Driver	Shri Khileshwar Sahu		Higher Secondary		5200- 20200+1900AGP		01.04.13		OBC
Kawardha	Driver	Shri Haran Ram		Primary		5200-20200		01.04.13		OBC

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of Specializa tion	Pay scale	Presen t pay	Date of joining	Per. /Temp.	Categor y
		Kaushik				+1900AGP				
Kawardha	Supporting staff	Shri. Salik Ram		Middle		4750 - 7400		16.09.08		OBC
		Lodhi				+ 1300 AGP				
Kawardha	Supporting staff	Shri Shiv Kumar		Primary		4750 - 7400		16.09.08		OBC
		Lodhi				+ 1300 AGP				

## 1.2. DISTRICT PROFILE (detail of geographical area, cultivation, Land, resources, opportunities, irrigation, populations etc.)—

KVK Name	Agro- climatic	No. of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land
	zone							holding
Kawardha	CG Plain	04	371	539660	61.95%	62466	154040	1.8 ha

Sr. No.	Particulars	Quantity/Area
1.	Geographic Area	4.44 lac ha
2.	Rainfall	830.00 mm
3.	Forest Area	1.81 lac ha
4.	Double Cropped Area	0.91 lac ha
5.	Kharif Area	1.58 lac ha
6.	Rabi Area	1.19 lac ha

7.	Total Cultivated Area	2.77 lac ha
8.	Net Cultivated Area	1.85 lac ha
9.	Cropping Intensity	149 %
10.	Barren Land	1.84 lac ha
11.	Cultivable fallow land	0.027 lac ha
12.	Pasture lands	0.28 lac ha
13.	Kharif Irrigated Area	0.75 lac ha
14.	Rabi Irrigated Area	0.42 lac ha
15.	Net Irrigated Area	0.69 lac ha

#### 1.3. DETAILS OF ADOPTED VILLAGE during 1.4.2018 to 31.3.2019 (Approved by competent Authority in meetings/workshops)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Kawardha	Gangpur	2018-19	S.Lohara	22 km	816	220
Kawardha	Rajanawagaon	2018-19	Kawardha	15km		

#### 1.4. THRUST AREAS identified by KVK (Approved by competent Authority in meetings/workshop)

KVK Name	THRUST AREA
KAWARDHA	Introduction of sugarcane varieties resistant to Whip Smut
KAWARDHA	Varietal replacement in various crops
KAWARDHA	Change in Paddy-chick pea/ soybean- chick pea cropping systems
KAWARDHA	Introduction of sugarcane varieties resistant to red rot, root borer and shoot borer
KAWARDHA	Insuring production and availability of <i>Trichoderma viride</i> locally
KAWARDHA	Combined use of organic manures and inorganic fertilizer
KAWARDHA	Enhancement of milk & meat productivity through improved breeds
KAWARDHA	Farm mechanization through improved agricultural implements
KAWARDHA	Employment generation for rural women & rural youth through income generation activities

## 1.5. PROBLEM IDENTIFIED by KVK (Approved by competent Authority in meetings/workshop)

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Kawardha	Lack of awareness of improved agricultural technologies	Discussion with farmers, field visit	
Kawardha	Non-availability of quality seeds of suitable HYVs	Discussion with farmers	
Kawardha	Lack of suitable agricultural implements for seeding of crops	Discussion with farmers, field visit	
Kawardha	Lack of proper agricultural infrastructures including irrigation	Discussion with farmers	
Kawardha	Non-awareness regarding effective control of various pests and diseases (insects, diseases and weeds)	Discussion with farmers and Field visit	
Kawardha	High incidence of pests and diseases, Improper use of fertilizer and chemicals	Discussion with farmers, field visit	
Kawardha	Less knowledge about post harvest handling of agriculture produce	Discussion with farmers, field visit	
Kawardha	Lack of awareness of improved agricultural technologies	Discussion with farmers, field visit	

## 2. On Farm Testing

#### 2.1 Information about OFT to be conducted

			Category of technology	Thematic	Crop/ enterpris	Farming Situatio	Т			Results parame		Net Retur	ns (Rs./ha)
KVK name	Year/ season	Problem diagnose	(Assessment / Refinement)	Area	e	ns	Targe t	No. of trials	Title of OFT	Farmer practice T1	Rec. Tech T2	T1	Т2
Kawardha	Kharif 2018	Use of low yielding variety	Assessment	varietal	groundnut	Rainfed upland (Kanhar		04	Assessment of high yielding variety of groundnut K- 6				
Kawardha	Kharif 2018	Use of low yielding variety	Assessment	varietal	Soybean	Rainfed upland (Kanhar		04	Assessment of high yielding variety of Soybean				
Kawardha	Kharif 2018	Heavy loss of crop due to Diseases in Soybean	Assessment	Diseases Management	Soybean	Rainfed upland (Kanhar)		04	Assessment of Chemical Disease Management in Soybean				
Kawardha	Kharif 2018	Economic loss for small farmers in manual weeding in soybean crop	Assessment	Farm Mechanization		Rainfed upland (Kanhar)		05	Assessment of weeder for Inter culture operation in Soybean Crop				

		Low yield Due to traditional method	Assessment		Multicrop Planter	Rainfed upland (Kanhar	05			
Kawardha	Kharif and Rabi 2018-19	of sowing because broadcasting causes improper coverage of seed and fertilizer, Drainage or water logging		Farm Mechanization				Assessment of Multicrop Planter		
Kawardha	Kharif - 2018, Rabi 2018-19	Farmers only take sole sugarcane	Assessment	Integrated Crop Management	Sugarcane	-	05	Assessment of sugarcane Onion Intercropping		
Kawardha	Rabi2018- 19	Heavy Yield Loss due to Weed Infestation, Laboure Problem	Assessment	Weed management	ChickPea		04	Assessment of chemical weed management in Chick pea		
Kawardha	Rabi2018- 19	Heavy infestation due to whip smut in sugarcane	Assessment	Integrated Diseases Management	Sugarcane	Partially irrigated upland (Kanhar)	04	Assessment of chemical set treatment for control of smut (Whip) diseases in sugarcane		
Kawardha	Rabi2018- 19	Low yield Due to traditional method of sowing because manually transplanting causes improper coverage of seed and fertilizer,	Assessment	Farm Mechanization	Sugarcane Planter	Partially irrigated Lowland (Kanhar	05	Assessment of sugarcane planter for sowing of sugarcane		
Kawardha	Rabi 2018-19	Paddy straw and sugarcane trashes not properly decompose in traditional method	Assessment	Improved practice	Use of Trichoder ma for decompos ing of agricultur		10	Introduction of improved technique of decomposing through Trichoderma		

						e waste material					
	Kawardha	Rabi 2018-19	Water logging, less production in Chickpea	Assessment	Farm Mechanization	Broad bed Furrow seed drill	Rainfed upland (Kanhar)	05	Assessment of Broad bed seed drill for ridge and furrow method of Chickpea		
	Kawardha	Kharif - 2018, Rabi 2018-19	Lack of Knowledge about <i>pangasius</i> fish production	Assessment	Production and Management	Fishes	-	04	Assessment of culture of Pangasius fish in fish Culture pond		
	Kawardha	Kharif - 2018, Rabi 2018-19	No use of vermicompost	Assessment	Fish production & Management Technology	Nursery pond management	-	04	Assessment on fish production through use of vermin compost at village pond		
:	Kawardha	Kharif - 2018, Rabi 2018-19	Poor Survival of fish spawn due to lack of feeding material in nursery pond	Assessment	Fingerling production	Fish seed	-	04	Assessment of fish seed ( Fingerling production ) at village pond		
	Kawardha	Kharif - 2018, Rabi 2018-19	Low income from existing cropping system	Assessment	IFS	IFS Model (Rice- (Rice- Chickpea/Ma ize/Vegetable ) + Fish cum Duck + Poultry + Goatry + Animal Husbandry as per suitability of farmers	-	04	Introduction of 1.0 Acre IFS Model for Small & Marginal Farmers		
	Kawardha	Kharif - 2018	Poor knowledge about SHC recommendation	Assessment	CBD	The primary data will be collected with the help		04	Assessment of knowledge & adoption of soil health		

					of structured interview schedule by involving READY students and extension workers of the district, after collection the data, they will analyze statistically tested for as are a result	0.4	card based fertilizer application		
Kaward	Kharif - 2018, Rabi 2018-19	Deteriorating soil organic carbon content	Assessment	NRM	Bio-waste decomposer. (Consortium of microbes)	04	Assessment of Bio-waste decomposer for quality organic product to enhance soil health		
Kaward	Kharif - 2018, Rabi 2018-19	-	Assessment	IARI	Once subjected to mass multiplicatio n the consortium is suitable to be used for composting, foliar spray, in-situ composting and seed treatment.	04	Assessment of Bio-waste decomposer for quality organic product to enhance soil health		

#### 2.2 Economic Performance

KVK name	OFT Title	Para	meters			verage Co ivation (		Avera	age Gros (Rs/ha	s Return ı)	Ave	rage Net I (Rs/ha)		_		ost Ratio rn / Gross t)
		Name and	Name and FP (T <sub>1</sub> ) RP		FP	RP	Refined	FP	RP	Refined	FP	RP(T <sub>2</sub> )	Refined	FP	RP	Refined

		unit of Parameter	(T <sub>2</sub> )	(T <sub>1</sub> )	(T <sub>2</sub> )	Practice, if any	(T <sub>1</sub> )	(T <sub>2</sub> )	Practice, if any	(T <sub>1</sub> )	Practice, if any	(T <sub>1</sub> )	(T <sub>2</sub> )	Practice, if any
Kawardha	Assessment of high yielding variety of groundnut K- 6	Yield q/ha				(T <sub>3</sub> )			(T <sub>3</sub> )		(T₃)			(T <sub>3</sub> )
Kawardha	Assessment of high yielding variety of Soybean	Yield q/ha												
Kawardha	Assessment of Chemical Disease Management in Soybean	Yield q/ha												
Kawardha	Assessment of weeder for Inter culture operation in Soybean Crop	Yield q/ha												
Kawardha	Assessment of Multicrop Planter	Yield q/ha												
Kawardha	Assessment of sugarcane Onion Intercropping	Yield q/ha												
Kawardha	Assessment of chemical weed management in Chick pea	Yield q/ha												
Kawardha	Assessment of chemical set treatment for control of smut (Whip)	Yield q/ha												

	diseases in	1							
	sugarcane								
Kawardha	Assessment of sugarcane planter for sowing of sugarcane	Yield q/ha							
Kawardha	Introduction of improved technique of decomposing through Trichoderma	Yield q/ha							
	Assessment of Broad bed seed drill for ridge and furrow method of Chickpea	Yield q/ha							
Kawardha	Assessment of culture of Pangasius fish in fish Culture pond	Yield q/ha							
Kawardha	Assessment on fish production through use of vermin compost at village pond	Survival %							
Kawardha	Assessment of fish seed ( Fingerling production ) at village pond	Yield q/ha							
Kawardha	Introduction of 1.0 Acre IFS Model for Small & Marginal Farmers	Yield q/ha							

	Assessment of knowledge & adoption of soil health card based fertilizer application								
Kawardha	Assessment of Bio-waste decomposer for quality organic product to enhance soil health	Yield q/ha							
Kawardha	Assessment of Bio-waste decomposer for quality organic product to enhance soil health	Yield q/ha							

## 3. Frontline Demonstrations

#### 3.1. Follow-up for results of FLDs implemented during previous years (up to 2017-18)

List of technologies demonstrated and popularized during previous years and recommended for large scale adoption in the district

	Crop/	<b>T</b> I		Details of popularization	Horizonta	I spread of tec	nnology
KVK Name	Enterprise	Thematic Area	Technology demonstrated	methods suggested to the Extension system	No. of villages	No. of farmers	Area in ha
Kawardha	Paddy	Varietal Evaluation	Variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	285	1750	24300
Kawardha	Soyabean	Varietal Evaluation	Variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	15	400	1000
Kawardha	Soyabean	Farm Mechanization	Seed cum fertilizer Drill	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	20	1200	70
Kawardha	Paddy	Farm Mechanization	Seed cum fertilizer Drill	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	50	660	1000
Kawardha	Paddy	Integrated Pest Management	IPM	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	7	30	55
Kawardha	Paddy	Integrated Disease Management	IDM	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	6	55	300
Kawardha	Paddy	Integrated Disease Management	IDM	Demonstration plots, Discussion with other farmers, Distribution of literatures.	10	30	-
Kawardha	Mushroom	Mushroom Production	Mushroom cultivation	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	7	25	55

Kawardha	Fish	Increases production and decreases cost of cultivation	Integrated fish cum duck culture	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	5	35	75
Kawardha	Fish	Fish production	Composite fish culture	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	10	60	
Kawardha	Fish	Pond Management	Improved Management Practices	Visit of other farmers in the Demonstration plots	7	53	
Kawardha	Sugarcane	Diseases Management	Agrochemical	Visit of other farmers in the Demonstration plots	350	2100	2500
Kawardha	Chickpea	Farm Mechanization	Seed cum fertilizer Drill	Visit of other farmers in the Demonstration plots	500	3000	2500
Kawardha	Wheat	Farm Mechanization	Seed cum fertilizer Drill	Visit of other farmers in the. Demonstration plots Discussion with other farmers, Distribution of literatures.	200	500	350
Kawardha	Chickpea	Integrated Pest Management	IPM	Visit of other farmers in the Demonstration plots Discussion with other farmers, Distribution of literatures.	550	10000	25000
Kawardha	Wheat	Varietal Evaluation	Variety	Visit of other farmers in the Demonstration plots	20	50	55
Kawardha	Chickpea	Varietal Evaluation	Variety	Visit of other farmers in the. Demonstration plots Discussion with other farmers, Distribution of literatures.	30	100	150
Kawardha	Sugarcane	Varietal Evaluation	Variety	Visit of other farmers in the Demonstration plots Discussion with other farmers, Distribution of literatures.	25	100	200

## 3.2 Details of FLDs to be implemented during 2018-19

	(VK ame	Thematic area	Name of Crop/	Season and	Technology demonstrated	Crop- Area (ha)	Name of Variety	Results	(q/ha)	% change			No. of f	armers	
			Enterprise	year		/ Entrep - No.	Entreprizes	Demons	Check		SC	ST	ОВС	Others	Total
Kav ha	ward	Integrated crop management	Paddy	Kharif 2018	Direct seeded line Sowing	5.00	Indira Rajeshwari								
Kav ha	ward	Farm Mechanizatio n	Soyabean	Kharif 2018	Broad bed furrow seed drill	5.00	Broad bed furrow seed drill								

Kaward	Integrated	Paddy		IDM		1.Seed				
Kaward	Integrated Disease Management	Paddy	Kharif 2018	IDM	5.00	1.Seed Treatment with Tricyclazole @ 2 g/kg of Seed.at nursery stage before 5 days uprooting the nursery (If disease observed) 2. FYM should uniformly spread during field preparation 3. Avoid the FYM Heaps in the field. 4. One foliar application of Tricyclazole 0.1% at tillering stage 5. Last foliar application of Tricyclazole (0.1%) just after				
Kaward ha	Integrated Disease Management	Paddy	Kharif 2018	IDM	5.00	emergence of panicles  1.Seed Treatment with Carbendazim @ 2 g/kg of Seed. 2. FYM should uniformly spread during field preparation 3. Avoid the FYM Heaps in the field. 4.Spray with Propiconazole 25 EC @ 0.1% at boot stage				

Kaward ha	Farm Mechanizatio n	Paddy	Kharif	Self propelled vertical conveyer reaper	5.00	Self propelled vertical conveyer reaper				
kaward ha	Weed management	soyabean	kharif	Application of herbicides in soybean	5.00	Imazethapyr 35% + Imazamox 35% WG (Odyssey) @ 70 g/ ha at 15 DAS				
kaward ha	Varietal Evaluation	Lathyrus	Rabi- 2018-19	Varietal Evaluation of Lathyrus	5.00	Use of improved variety, line sowing with proper fertilizer and pest management				
kaward ha	Varietal Evaluation	Wheat	Rabi- 2018-19	Varietal Evaluation of wheat	5.00	Use of improved variety, line sowing with proper fertilizer and pest management				
Kaward ha	Farm Mechanizatio n	Wheat	Rabi- 2018-19	Self propelled vertical conveyer reaper	5.00	Self propelled vertical conveyer reaper				
kawrdh a	Farm Mechanizatio n	Wheat	Rabi- 2018-19	Seed cum Fertilizer Drill for sowing	5.00	Seed cum fertilizer drill				
Kaward ha	Integrated Diseases Management	Chickpea	Rabi- 2018-19	Chickpea, Bioagent	5.00	Trichodarma viride for control of Chickpea collar rot				

Kaward ha	Integrated Pest Management	Chickpea	Rabi- 2018-19	IPM	5.00	Use of IPM package (optimum seed rate-use of bird perchers, intercropping of coriander (10:1), spraying of profenophos 50EC @ 1 lit/ha)				
Kaward ha	Varietal Evaluation	Chickpea	Rabi- 2018-19	Variety	5.00	JG-14				
Kaward ha	Varietal Evaluation	Sugarcane	Rabi- 2018-19	Variety	5.00	Со-94008				
Kaward ha	Increases production and decreases cost of cultivation	Fish	Kharif 2018-19	Integrated fish cum duck culture	1.00	1. Stocking of 8,000 fingerling /ha pond (Catla, Rohu,Mri gal) @4:3:3 2. Khakhi Campbell duck breed used for fish cum duck culture@200- 250 ducks /ha				

Kaward ha	Fish production	Fish	Kharif 2018-19	Composite fish culture at village pond	1.00	1.Stocking of 10000 fingerlings of catla, rohu, mrigal 4:3:3 ratio 2.Application of groundnut oil cake+ rice bran (1:1)/ floating fish feed @ 5-3 % of body weight 3. Application of lime					
Kaward ha	Pond Management	Fish	Kharif 2018-19	Improved Management Practices	1.00	Stocking of IMC with Grass Carp as per pond size					

## 3.3 Economic Impact of FLD

KVK Name	Name of Crop/ Enterprise	Technology demonstrated	Para	cul (I		cultiv	t of vation /ha)		Return /ha)	Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check
Kawardha	Paddy	Direct seeded line Sowing											
Kawardha	Soyabean	Broad bed furrow seed drill											
Kawardha	Paddy	IDM											
Kawardha	Paddy	IDM											
Kawardha	Paddy	Self propelled vertical conveyer reaper											
Kawardha	soyabean	Application of herbicides in soybean											

Kawardha	Lathyrus	Varietal Evaluation						
Nawaiulia	Latilyius	of Lathyrus						
		Of Ladifyrds						
Kawardha	Wheat	Varietal Evaluation						
Rawarana		of wheat						
Kawardha	Wheat	Self propelled						
		vertical conveyer						
		reaper						
Kawardha	Wheat	Seed cum						
		Fertilizer Drill for						
		sowing						
Kawardha	Chickpea	Chialana Diagont						
		Chickpea, Bioagent						
Kawardha	Chickpea	IPM						
Kawardha	Chickpea	Variety						
110 11 01 01 10								
kawardha	Sugarcane	Variety						
Kawarana	Sugar vario	, 41100						
Kawardha	Fish	Integrated fish						
Nawaruna	1 1511	cum duck culture						
		cam duck calture						
Kawardha	Fish	Composite fish						
Rawarana		culture at village						
		pond						
Kawardha	Fish	Improved						
ararara		Management						
		Practices						

## 3.4 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of	Remarks
				participants	
Kawardha		Field days	8	800	
		Farmers Training	10	350	
		Media coverage	15	Mass	
		Training for extension functionaries	02	50	

## 3.5 Details of FLD on crop hybrids.

Sr.No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.

## 4. Feedback System

## 4.1. Feedback of the Farmers to KVK

Name of KVK		Feedback		
	Technology appropriations	Methodology used	Benefits of	Future
Kawardha	Use Self Propelled Vertical Conveyor Reaper	Harvesting Paddy and Wheat crop By Reaper	OFT	YES
Kawardha	Fish Cum Duck Culture	To distributed farmers Duck and Fish	OFT	YES
Kawardha	Use of Broad Bed Furrow Seed Drill for Sowing of Soybean and Chickpea	Sowing of Soybean and Chickpea with BBF Broad Bed Furrow Seed Drill	OFT	YES
Kawardha	Use of Raised Bed Planter	Sowing of Chickpea with Raised Bed Planter	OFT	YES
Kawardha	Integrated pest management of Paddy	1.Transplanting of one row of Karigilas variety after every nine rows of cultivated Paddy variety. 2.Spray of newer molecule chlorantraniliprole 18.5% SC (Coragen) at pre-panicle stage @150ml/ha	FLD	YES
Kawardha	Integrated pest management of Chickpea	Use of IPM package (optimum seed rate-use of bird perchers, intercropping of coriander (10:1), spraying of profenophos 50EC @ 1 lit/ha)	FLD	YES

## 4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested

#### Abbreviation Used

Abbreviation Used	
FW	(A) Farmers & Farm Women
RY	(B) Rural Youths
IS	(C) Extension Personnel
ONC	On Campus Training Programme
OFC	Off Campus Training Programme
M	Male
F	Female
Т	Total
<b>Thematic Areas for Tra</b>	ining
СР	Crop Production
HOV	Horticulture – Vegetable Crops
HOF	Horticulture-Fruits
HOO	Horticulture- Ornamental Plants
НОР	Horticulture- Plantation crops
HOT	Horticulture- Tuber crops
HOS	Horticulture- Spices
НОМ	Horticulture- Medicinal and Aromatic Plants
SFM	Soil Health and Fertility Management
LPM	Livestock Production and Management
WOE	Home Science/Women empowerment
AEG	Agril. Engineering
PLP	Plant Protection
FIS	Fisheries
PIS	Production of Inputs at site
CBD	Capacity Building and Group Dynamics
AGF	Agro-forestry
OTH	Others

#### 5. TRAINING PROGRAMMES

- 1. Training programmes should be strictly covered under above mentioned thematic areas only.
- 2. For category, training type and thematic area, use abbreviations only.

Table 5.1: Documentation of the need assessment conducted by the KVK for the training programme

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. Of participants to be involved
Kawardha	FW	Group discussion		
Kawardha	RY	Group discussion		
Kawardha	IS	Group discussion		

Table 5.2. Details of Training programmes to be conducted by the KVKs.

Name	Cate-	Training	Thematic	Training Title	No. of	Duration	Target for				Parti	cipants	;		
of KVK	gory	Type	area		Courses	(Days)	No. of	Ge	neral		SC		ST	Ot	hers
							participants	М	F	М	F	M	F	М	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
Kawardha	FW	ONC	СР	Weed Management	1	1									
Kawardha	FW	ONC	CP	Crop Diversification	1	1									
Kawardha	FW	ONC	CP	Water management	1	1									
Kawardha	FW	OFC	CP	Seed Production	1	1									
Kawardha	FW	OFC	СР	Integrated crop management	1	1									
Kawardha	FW	OFC	СР	Production of organic inputs	1	1									
Kawardha	FW	OFC	CP	Cropping Systems	1	1									
Kawardha	FW	OFC	SFM	Soil fertility management	1	1									
Kawardha	FW	OFC	SFM	Micro nutrient deficiency in crops	1	1									
Kawardha	FW	ONC	SFM	Nutrient Use Efficiency	1	1									
Kawardha	FW	ONC	SFM	Soil and Water Testing	1	1								1	
Kawardha	FW	OFC	SFM	Soil Sampling Technique	1	1									
Kawardha	FW	OFC	SFM	Fertilizer Calculation	1	1									

Name	Cate-	Training	Thematic	Training Title	No. of	Duration	Target for				Parti	cipants	•		
of KVK	gory	Туре	area		Courses	(Days)	No. of	Ge	neral		SC		ST	Ot	hers
							participants	М	F	М	F	М	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
Kawardha	FW	OFC	PLP	Integrated Pest Management	1	1									
Kawardha	FW	OFC	FIS	Integrated fish farming	1	1									
Kawardha	FW	OFC	FIS	Carp breeding and hatchery management	1	1									
Kawardha	FW	OFC	FIS	Carp fry and fingerling rearing	1	1									
Kawardha	FW	ONC	FIS	Composite fish culture	1	1									
Kawardha	FW	ONC	FIS	Hatchery management and culture of freshwater prawn	1	1									
Kawardha	FW	ONC	FIS	Fish diseases	1	1									
Kawardha	FW	ONC	FIS	Nursery rearing of Fish	1	1									
Kawardha	FW	OFC	PIS	Bio-fertilizer production	1	1									
Kawardha	FW	OFC	PIS	Vermi-compost production	1	1									
Kawardha	FW	OFC	PIS	Organic manures production	1	1									
Kawardha	FW	OFC	FIS	Integrated fish farming	1	1									
Kawardha	FW	OFC	AEG	Uses Seed cum fertilizer drill introduction	1	1									
Kawardha	FW	OFC	AEG	Uses seed cum fertilizer drill	1	1									
Kawardha	FW	OFC	AEG	Uses multi crop planter	1	1									
Kawardha	FW	OFC	AEG	Introduction of Power reaper	1	1									
Kawardha	FW	OFC	AEG	Introduction of Bullock operator implement	1	1									
Kawardha	FW	OFC	AEG	Uses of Raised Bed planter	1	1									
Kawardha	FW	OFC	AEG	Uses of Raised Bed planter	1	1									
Kawardha	FW	ONC	PLP	Insect Pest of Sugarcane	1	1									

Name	Cate-	Training	Thematic	Training Title	No. of	Duration	Target for				Partic	ipants			
of KVK	gory	Туре	area		Courses	(Days)	No. of	Ge	neral		SC		ST	Oth	ners
							participants	М	F	М	F	М	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
Kawardha	FW	ONC	AEG	Introduction of Broad bed furrow method	1	1									
Kawardha	FW	OFC	PLP	Diseases of Sugarcane	1	1									
Kawardha	RY	ONC	RY	Oyster Mushroom Production Technology	1	1									
Kawardha	RY	ONC	RY	Production Technology of <i>Trichodarma</i>	1	1									

Table 5.3. Details of Vocational training programmes for Rural Youth to be conducted by the KVKs

	31 3			Duration of	Num	ber of E	Benefic	iaries		
Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	training		sc		ST	Othe	ers
				(days)	М	F	М	F	M	F
Kawardha	Oyester Mushroom Production Technology	Mushroom	Income Generation	5						
Kawardha	Production Technology of Trichodarma	Trichodarma	Disease Management	13						
Kawardha	Operation and maintenance of Important farm Implements	Implements	Agril. Engineering	5						
Kawardha	Crop production (SRI)	Paddy	Crop production	6						
Kawardha	Oyester Mushroom Production Technology	Mushroom	Income Generation	5						
Kawardha	Production Technology of Trichodarma	Trichodarma	Disease Management	5						
Kawardha	Oyester Mushroom Production Technology	Mushroom	Income Generation	5						

Table 5.4. Details of training programme to be conducted for Livelihood Security in rural areas by the KVKs

Name of KVK	Training title	Self employed after	training	-	Number of
		Type of units	Number of units	Number of persons employed	persons employed else where
Kawardha	Fish Production Management				
Kawardha	Mushroom Production				
Kawardha	Trichoderma Production				

**Table 5.5. Sponsored Training Programmes** 

	- Sponsorea Training		Sub-				No	of P	artic	ipan	ts					Fund
Name of KVK	Title	Thematic area (as given in abbreviation table)	theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Duration (days)	No. of courses		en		hers		SC F	S	ST F	Sponsoring Agency	received for training (Rs.)
Kawardha	Tractor Care and Maintenance	AEG	-	FW	1	1										
Kawardha	Nursery Management	СР		FW	1	1										
Kawardha	Seed Production	CP	-	FW	1	1										
Kawardha	Integrated crop management	СР	-	FW	1	1										
Kawardha	Production of organic inputs	СР	-	FW	1	1										
Kawardha	Production of organic inputs	СР	-	FW	1	1										
Kawardha	Production of organic inputs	СР	-	FW	1	1										
Kawardha	Introduction of Threshing Machine	AEG	-	FW	1	1										
Kawardha	Introduction of Plant Protection Equipments	AEG	-	FW	1	1										
Kawardha	Integrated Pest Management	PLP	-	FW	1	1										
Kawardha	Production of bio control agents and bio pesticides	PLP	-	FW	1	1										
Kawardha	Insect Pest of Sugarcane	PLP	-	FW	1	1										
Kawardha	Diseases of Sugarcane	PLP	-	FW	1	1										
Kawardha	Diseases of Vegetable crop	PLP	-	FW	1	1										
Kawardha	Disease and Insect of Pulse crop	PLP	-	FW	1	1										
Kawardha	Diseases of Sugarcane	PLP	-	FW	1	1										
Kawardha	Disease and Insect of Pulse crop	PLP	-	FW	1	1										
Kawardha	Integrated fish farming	FIS	-	FW	1	1										
Kawardha	Carp breeding and hatchery management	FIS	-	FW	1	1										
Kawardha	Fish diseases	FIS	-	FW	1	1										
Kawardha	Nursery rearing of Fish	FIS	-	FW	1	1										

Kawardha	Integrated fish farming	FIS	-	FW	1	1					
Kawardha	Carp breeding and hatchery management	FIS	-	FW	1	1					
Kawardha	Fish diseases	FIS	-	FW	1	1					
Kawardha	Nursery rearing of Fish	FIS	-	FW	1	1					
Kawardha	Uses Seed drill introduction	AEG	-	FW	1	1					
Kawardha	Uses seed cum fertilizer drill	AEG	-	FW	1	1					
Kawardha	Uses multi crop planter	AEG	-	FW	1	1					

#### **Table 5.6 Training Programmes for Panchayatiraj Institutions Office-bearers & members**

	<u> </u>		Sub-				No	of P	artic	ipants	5			
		Thematic area	theme (as	Client	Dura-		Otł	ners	SC		ST			Fund received
Name of KVK	Title	(as given in abbreviation table)	per column no 5 of Table T1)	(FW/ RY/ IS)	tion (days)	No. of courses	М	F	М	F	М	F	Sponsoring Agency	for training (Rs.)

## Table 5.7 Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)

	·		•		<u> </u>					· /i
	Title of the	No. of	Change in		Change in	1	Change in I	ncome		Impact on
Name of	training	trainees	knowledge		Productio	n (q/ha)	(Rs)		1.	Area expanded (ha)
KVK			(Score)						2.	No. of farmers adopted (no.)
KVK			Before Aft	ter	Before	After	Before	After	3.	% change in knowledge,
										production & Income
									1	

## **6. EXTENSION ACTIVITIES**

Name of the				Detail	of Part	icipants					Remarks	
KVK	Activity	No. of activities	No. of activities	Farme		SC/ST	Farmers)	Exter			_	1
		(Targeted)	(Achieved)	(Other	·s) F	M	F	M	F	Purpose	Topic s	Crop Stages
Kawardha	Field Day	10		1,1		1.2		1.1				
Kawardha	Kisan Mela	02										
Kawardha	Kisan Ghosthi	8										
Kawardha	Exhibition	02										
Kawardha	Film Show	03										
Kawardha	Method Demonstrations	12										
Kawardha	Farmers Seminar	05										
Kawardha	Workshop	12										
Kawardha	Group meetings	18										
Kawardha	Lectures delivered as resource persons	35										
Kawardha	Newspaper coverage	45										
Kawardha	Radio talks	00										
Kawardha	TV talks	00										
Kawardha	Popular Articles	06										
Kawardha	Extension Literature	6										
Kawardha	Farm Advisory Services	00										
Kawardha	Scientific visit to farmers field	40										
Kawardha	Farmers Visit to KVK	1000										
Kawardha	Diagnostic Visits	45										
Kawardha	Exposure Visits	05										
Kawardha	Ex-trainees Sammelan	05										
Kawardha	Soil Health Camp	01										
Kawardha	Animal Health Camp	00										
Kawardha	Agri Mobile Clinic	00										
Kawardha	Soil Test Campaigns	04										
Kawardha	Farm Science Club conveners meet	00										
Kawardha	Self Help Group conveners meetings	04										

## 7. Production and supply of Technological products

#### 7.1 SEED production

KVK Name	Major group/class	Crop	Variety	Type of produce (for Seed produced type here SD; For Planting Material type here PM)	Quantity	Unit for quantity of produces (qtl for SD and Nos for PM)	Value (Rs.)	Provided to No. of Farmers
Kawardha	Oilseed	Soybean	JS-9752	SD				
Kawardha	Pulses	Pigeon pea	Rajiv lochan	SD				
		Green gram	Pairi mung	SD				
		Chickpea	JG-14	SD				
							•	
							•	
							•	

#### 7.2 Planting Material production

		Name	Date of	Date of	Area	Details of prod	duction		Amount (R	s.)	
KVK Name	Major group/class	of the crop	sowing	harvest	(ha)	Variety	Type of	Qty.	Cost of	Gross	Remarks
		or the crop	JOWING	iiai vest	(IIa)	variety	Produce	Qty.	inputs	income	
Kawardha	Cash Crop	Sugarcane			2.00						

#### 7.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)

		_	Amount (Rs.)		
KVK Name	Name of the Product	Qty	Cost of inputs	Gross income	Remarks
	BIOAGENTS	2.0			
	BIOFERTILIZERS	2.0			
	BIO PESTICIDES				

#### 7.4 Livestock and fisheries production

	Name	Details of production	1		Amount (Rs.)		
KVK Name	of the animal / bird / aquatics	Breed	Type of Produce	Qty.	Cost of inputs	Gross income	Remarks
Kawardha	Cattle						
Kawardha	Buffalo						
Kawardha	Sheep and Goat						
Kawardha	Poultry						
Kawardha	Fisheries						
Kawardha	Others (Specify)						

#### 8. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : YES/NO, If yes, then

Year of establishment : -

#### 8.1 Details of soil & water samples analyzed so far

KVK Name	Туре	No. of Samples	No. of Farmers	No. of Villages	Amount released	Resources to be generated
Kawardha	Soil Sample					
Kawardha	Water Sample					

#### 9. Rainwater Harvesting, if available.

Training programmes to be conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	Client (PF/RY/EF)	No. of		of Particip cluding SC/		No. o	f SC/STPartici	pants
				Courses	Male	Female	Total	Male	Female	Total
Kawardha										
Kawardha										
Kawardha										

#### 10. Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages to be sent	No. of beneficiaries		No of Village Covered	Major recommendations
Kawardha		Farmers	Ext. Pers.		
Kawardha					
Kawardha					

#### 11. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Kawardha			
Kawardha			
Kawardha			

## 12. Literature to be Last Developed/Published (with full title, author & reference)

#### **12.1 KVK Newsletters**

KVK Name	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
Kawardha				
Kawardha				

#### 12.2 Details of Electronic Media to be Produced

KVK Name	Type of media (CD / VCD / DVD / Audio- Cassette)	Title of the programme	Number
	Cassette		
Kawardha			
Kawardha			
Kawardha			

#### 12.3 PUBLICATIONS

Category	Number	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
Research Paper		Type	Title	Author's	Number of copies
				name	
Technical bulletins	4				
Technical reports	01				
Popular article	15				
News paper coverage	45				
Year Planner	350				
Others (pl. specify)					

13. Convergence with various agricultural schemes (Central & State sponsored)

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Kawardha	ATMA					
Kawardha	MNREGA					
Kawardha	NHM					
Kawardha	RKVY					
Kawardha	DRDA					
Kawardha	Zila Panchyat					
Kawardha	Seed Village					
Kawardha	NAIP					
Kawardha	Climate Change					
Kawardha	Others (Plz. Specify)					

#### 14. Utilization of Farmers Hostel.

Accommodation available (No. of beds):

KVK Name	Months	Year	Title of the training course	Duration of training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
Kawardha							
Kawardha							

#### 15. Utilization of Staff Quarters.

KVK Name	Year of construction	Year of allotment	No. of quarters occupied	No. of quarters vacant	Reasons for vacant quarters, if any
Kawardha					

#### 16. Details of KVK Agro-technological Park -

#### a) Have you prepared layout plan, where sent?

Sr .No.	Name of KVK	Technology park proposal developed(yes/no)	If yes, where sent?(ZPD/DES/any other,pl. sp.)
01	KVK, Kawardha	Yes	DES

#### b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Kawardha	Crop Cafeteria	
Kawardha	Technology Desk	
Kawardha	Visitors Gallery	
Kawardha	Technology Exhibition	
Kawardha	Technology Gate-Valve	

#### c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Integrated crop management	05

#### 17. Farm Innovators- list of 10 Farm Innovators from the District

Sr.	Name of kvk	Name of Farm Innovator	Name of the Innovation	Address of the farmer with
No.				Mobile No.
1	Kawardha			
2	Kawardha			
3	Kawardha			
4	Kawardha			
5	Kawardha			
6	Kawardha			
7	Kawardha			
8	Kawardha			
9	Kawardha			
10	Kawardha			

#### 18. KVK interaction with progressive farmers-

9	Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated

#### 19. Outreach of KVK

Name of KVK	Number	of Blocks	Number of Villages	
Name of KVK	Intensive	Extensive	Intensive	Extensive
Kawardha		04	10	15

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

# 20. Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize, if applicable.

Sr. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt
1	Urd bean	5		
2.	Pigeon pea	5		
2	Chickpea	10		

#### 21. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1	Rajnandgaon	Training, Field visit	
2.	Bemetara		

#### 22. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Kawardha			
Kawardha			

#### 23. Status of KVK Website:

Sr.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
No.				
1	Kawardha	02.02.2014		

#### 24. Status of RTI

Sr.	Name of KVK	No. of RTI applications received	No. of RTI appeals
No.			
	Kawardha		
	Kawardha		

#### 25. E-CONNECTIVITY (ERNET Lab)

Name of VVV	Number and Date of Lecture delivered from KVK Hub			No of lectors organized by KVK			
Name of KVK	Date	No of Staff attended	No of call received from Hub	No of Call mate to Hub by KVK		Brief achievements	Remarks
Kawardha							

#### **26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS**

Name of KVK	Types of Activities	No. of	Number of	Related crop/livestock technology
		Activities	Participants	
Kawardha	Gosthies			
Kawardha	Lectures organized			
Kawardha	Exhibition			
Kawardha	Film show			
Kawardha	Fair			
Kawardha	Farm Visit			
Kawardha	Diagnostic Practical's			
Kawardha	Distribution of Literature (No.)			
Kawardha	Distribution of Seed (q)			

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Kawardha	Distribution of Planting materials (No.)			
Kawardha	Bio Product distribution (Kg)			
Kawardha	Bio Fertilizers (q)			
Kawardha	Distribution of fingerlings			
Kawardha	Distribution of Livestock specimen (No.)			
Kawardha	Total number of farmers visited the technology week			
Kawardha	Animal health camp			
Kawardha	Awareness programme			
Kawardha	Cashless Transaction Week			
Kawardha	Celebration of important days (Parthenium eradication week, Swachhata Abhiyan and Soil Health Day,International Women Day,National Integrity Day,World environment day,World forestry day,World Water Day)			
Kawardha	Demonstration			
Kawardha	Exposure visit			
Kawardha	Extension activity			
Kawardha	Ex-trainees Meet			
Kawardha	Farmer scientist interaction			
Kawardha	Farmers Training			
Kawardha	Field Day			
Kawardha	Field visit			
Kawardha	Gajarghans Unmulan Pakhwada			
Kawardha	Group Meeting			
Kawardha	Hindi diwas pakhwada			
Kawardha	Jai Kisan Jai Vigyan Sangoshthi			
Kawardha	Narmada sewa Yatra			
Kawardha	News Paper/Mass Media			
Kawardha	Plant health camp			
Kawardha	Plant Protection Week			
Kawardha	Scientists visits in farmers field			
Kawardha	Seed treatment campaign			
Kawardha	Self Help Group convener meet			

Name of KVK	Types of Activities	No. of	Number of	Related crop/livestock technology
		Activities	<b>Participants</b>	
Kawardha	Soil health Camp			
Kawardha	Swachha Bharat Abhiyan			
Kawardha	Technology Week			
Kawardha	Van Mahotsava			
	Others (Pl. Specify)			

#### 27. INTERVENTIONS ON DROUGHT MITIGATION

#### Introduction of alternate crops/varieties

Sl. No.	Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries
01	Kawardha	Paddy		
02	Kawardha	Soybean		

#### Major area coverage under alternate crops/varieties

SI.	Name of KVK	Crops	Area (ha)	Number of beneficiaries
No.				
1	Kawardha	Oilseeds		
2	Kawardha	Pulses		
3	Kawardha	Cereals		
4	Kawardha	Vegetable crops		
5	Kawardha	Tuber crops		
6	Kawardha	Fruits		
7	Kawardha	Spices		
8	Kawardha	Cotton		
		Total		

#### Farmers-scientists interaction on livestock management

SI.	Name of KVK	Livestock components	Number of	No.of
No.			interactions	participants
1	Kawardha	Dairy Management		
2	Kawardha	Disease management		

3 Kaw	ardha		Fe	ed and fodder te	chnology			
4 Kaw				ultry managemer				
<u> </u>			-	· · ·			<b>.</b>	
	Ith camps to be organized							
Name of K	VK	Number of	camps		No.of anim	als	No.of fa	rmers
Kawardha		01						
	bution in drought hit states	<u> </u>						
Name of K	<b>VK</b>	Crops			Quantity (qtl)		overage of	Number of
						aı	rea (ha)	farmers
Spedlings a	nd Saplings to be distribut	ad						
Name of K		Crops		0	uantity (No.s)	Coverage	e of area	Number of
1441116 0	V I.	C. Op3			dunitity (11010)	(ha)	c o. a.ca	farmers
			Seedlings	<u> </u>		1/		
			<u>~</u> _					
			-					
		l .		· ·		t		
Bio-contro								
		Bio-control A	Agents		Quantity (q)		age of	No. of farmers
		Bio-control A	Agents		Quantity (q)		rage of a (ha)	No. of farmer
		Bio-control A	Agents		Quantity (q)		_	No. of farmer
Bio-contro Name of K		Bio-control A	Agents		Quantity (q)		_	No. of farmer
	VK	Bio-control A	Agents		Quantity (q)		_	No. of farmer
Name of K	er		Agents  Quantity (kg)	Coverage of			a (ha)	No. of farmer
Name of K	er			Coverage of			a (ha)	
Name of K	er			Coverage of			a (ha)	
Name of K	er			Coverage of			a (ha)	

<b>Verms Produce</b>	d											
Name of KVK		Verms Produ	ced	Q	uantity (	q)		Coverage of Area (ha)	F		No. of F	armers
Large scale ado Name of KVK	ption of res	source conserv	vation tech		ars and	of resource	conservat	ion technologie	es Area	a (ha)		Number of
				introduced								farmers
Awareness Can	npaign Meeting	rs	Gosthies	<u> </u>	Field	davs	Farmer	s fair	Exhibit	ion	Film s	how
	No.	No. of	No.	No. of	No.	No. of	No.	No. of	No.	No. of	No.	No. of
		farmers		farmers		farmers		farmers		farmers		farmer
1. Technologie	es to be De	A emonstrated										
28. Proposa 1. Technologie Name of Tec	es to be De	A	Crop	Area (I	na.)	Yield		% change in	ı Yield		farmers	farmer
1. Technologie	es to be De	A emonstrated	Crop		na.)				n Yield		farmers	
1. Technologie	es to be De hnology	A emonstrated Name of	•	Area (I		Yield		% change in		No. of	farmers	
1. Technologie Name of Tech	es to be De hnology xtension A	A emonstrated Name of	•	Area (I	Numbe	Yield		% change in		No. of	farmers	s benefitte

3. Proposed Training Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered						
Name of Activity	Farmers	Farm Women	Official	Total			

4. Proposed Activities for Fodder Bank

Established (Years)	Capacity	Current Status

**5. Proposed Activities for Seed Bank** 

Established (Years)	Capacity	Current Status

6. Public Representative/District Administration Visited in NICRA Village

Name of Representative/Officer	Designation	Date of Visit

- 7. Feedback of Farmers for future improvement, if any.
- 8. Good Action Photographs after work progress (step-wise)
- 29. Proposed works under NAIP (in NAIP monitoring format)
- 30. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Kawardha				

#### 31. Awards & Recognitions

KVK Name	Name of award /awardees	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received

#### 32. Case study / Success Story to be developed -

Sr. no.	Name of KVK	No. of success stories	No. of case studies
		4	2

**Two best only in the following format:** Name of the KVK, **TITLE, Introduction,** KVK intervention, Output, Outcome, Impact, 2-3 photographs in .jpeg format with caption

33. Well labeled Photographs in .jpeg format for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem)