FORMAT FOR ANNUAL ACTION PLAN OF THE KVKs IN ZONE IX 2019-20

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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 like Blackgram, pigeon pea, sesame, horsegram, greengram, pearl millet, etc. (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.
- 10. Kindly fill up only targeted/ proposed information for Annual Action Plan-from 1st April, 2019 to 31st March 2020 in the relevant tables as format is common for AAP & APR.
- 11. Any other activities proposed not mentioned in this format may be incorporated in the last page with certain specification.

Note for Annual Action Plan 2019-20

1) Kindly fill up only targeted/ proposed information for Annual Action Plan-from 1st April, 2019 to 31st March 2020 in the table no.1,(1.1,1.2,1.3,1.4,1.5),2.1,2.2,2.3,2.4,3.1,3.2,3.3,3.4, 3.5,3.12, 4.0, 5.1, 5.2, 5.3, 5.4, 5.5,6, 7.1, 7.2, 7.3, 7.4, 8.1,8.2, 9.0, 10, 11, 12.1, 12.2, 12.3, 13, 16a,16b,16c, 17, 19, 20, 21, 23, 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 2019 to March, 2020

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.)
Kawardha	OFTs	20	104			nom um. sources (Ks.)
Kawardha	FLDs – Oilseeds (activity in ha)	01	104			
Kawardha	FLDs – Pulses (activity in ha)	01	48			
Kawardha	FLDs – Fulses (activity in ha)	04	00			
Kawardha	FLDs – Other than Oilseed and pulse crops(activity in ha)	08	96			
Kawardha	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	05	65			
Kawardha	Training-Farmers and farm women	40	2400			
Kawardha	Training-Rural youths	05	250			
Kawardha	Training- Extension functionaries	04	100			
Kawardha	Extension Activities	285	Mass			
Kawardha	Seed Production (Number of activity as seeds in quintal)	350				
Kawardha	Planting material ((Number of activity as quantity of planting material in quintal)	100				
Kawardha	Seedling Production (Number of activity as number of seedlings in numbers)	20000				
Kawardha	Sapling Production (Number of activity as number of sapling in numbers)	5000				
Kawardha	Other Bio- products (No. of quantity)	02	250			
Kawardha	Live stock products	01	25			
Kawardha	Activities of Soil and Water Testing Laboratory	1500	12500			
Kawardha	Rainwater Harvesting System	10	10			
Kawardha	Kisan Mobile Advisory (KVK-KMA)	50	75000			
Kawardha	SAC Meeting (Date & no. of core/ official members)	01	50			
Kawardha	Literature to be Developed/Published	35	Mass			
Kawardha	Convergence programmes / Sponsored programmes	04				

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.)
Kawardha	Utilization of Farmers Hostel	00				
Kawardha	Utilization of Staff Quarters	00				
Kawardha	Details of KVK Agro-technological Park	01				
Kawardha	Crop Cafeteria-	10	Mass			
Kawardha	Farm Innovators- list of 10 farm innovators from the District	05				
Kawardha	Status of Revolving Funds					
Kawardha	Awards and Recognitions					
Kawardha	Case study / Success Story to be developed	05				
Kawardha	KVK Progressive Farmers interaction	10				
Kawardha	Outreach of KVK in the District (No. of blocks, no. of villages)	04				
Kawardha	Technology Demonstration under Tribal Sub Plan	03				
Kawardha	KVK Ring	02	Mass			
Kawardha	Important visitors to KVK	30	Mass			
Kawardha	Status of KVK Website	01	Mass			
Kawardha	Status of RTI	00	-			
Kawardha	E-connectivity	00	-			
Kawardha	Details of Technology Week Celebrations	25	Mass			
Kawardha	Interventions on Drought Mitigation	10	Mass			
Kawardha	Proposal of NAIP	00	-			
Kawardha	Proposal of NICRA	00	-			
Kawardha	Well labeled photographs	10				
Kawardha	Other Activities	10	200			

1. GENERAL INFORMATION

1.1. Staff Position (as on date)

Name of KVK	Sanctioned	PC	(1)	SM	S (6)	PA	(3)	Adm	n. (6)	To	otal
	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.	Category
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		06.09.2012		Others
Kawardha	Subject Matter Specialist2	Er. T.S.Sonwani	F.M.P	M. Tech.	F.M.P	15600-39100 + 5400 AGP		10.09.2012		SC
Kawardha	Subject Matter Specialist3	Smt.Rajeshwari Sahu	Horticulture	M.Sc.	Horticulture	15600-39100 + 5400 AGP		19.02.2013		OBC
Kawardha	Subject Matter Specialist4	Sh. B.S. Parihar	Agronomy	M.Sc.	Agronomy	15600-39100 + 5400 AGP		18.09.2014		Others
Kawardha	Programme Assistant	Smt. Swati Sharma	Entomology	M.Sc.	Entomology	9300-34200+4200 AGP		05.11.2014		Others
Kawardha	Computer Programmer	Mr. Yogesh Kumar Kaushik	Information Technology	BE (IT)	Information Technology	9300-34200+4200 AGP		12.07.2013		OBC
Kawardha	Farm Manager	Sh.P.K.Sinha Farm Manager (Contractual)	Soil Science	M. Sc.	Soil Science	18900/-		22.12.2017		OBC
Kawardha	Accountant / superintendent	Shri A. K. Khare		M. A.		5200 - 20200 + 2800 AGP		28.07.2010		SC
Kawardha	Stenographer	Vacant								
Kawardha	Driver	Shri Khileshwar Sahu		Higher Secondar v		5200- 20200+1900AGP		01.04.2013		OBC
Kawardha	Driver	Shri Haran Ram Kaushik		Primary		5200-20200 +1900AGP		01.04.2013		OBC
Kawardha	Supporting staff	Shri. Salik Ram Lodhi		Middle		4750 - 7400 + 1300 AGP		16.09.2008		OBC
Kawardha	Supporting staff	Shri Shiv Kumar Lodhi		Primary		4750 - 7400 + 1300 AGP		16.09.2008		OBC

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

KVK Name	Agro- climatic zone	No. of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
Kawardha	CG Plain	04						

Sr. No.	Particulars	Quantity/Area
1.	Geographic Area	
2.	Rainfall	
3.	Forest Area	
4.	Double Cropped Area	
5.	Kharif Area	
6.	Rabi Area	
7.	Total Cultivated Area	
8.	Net Cultivated Area	
9.	Cropping Intensity	
10.	Barren Land	
11.	Cultivable fallow land	
12.	Pasture lands	
13.	Kharif Irrigated Area	
14.	Rabi Irrigated Area	
15.	Net Irrigated Area	

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Kawardha	Barpelatola	2019-20				
Kawardha	Rengakhar Khurd	2019-20				

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

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 Trichoderma viride 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	Discussion with farmers and Field	
	(insects, diseases and weeds)	visit	
Kawardha	High incidence of pests and diseases, Improper use of fertilizer and	Discussion with farmers, field visit	
	chemicals		
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

Thematic Areas for OFT/FLD

Thematic Areas for OFT/FLD	Parameters Name and unit
OFT/FLD on Crops	
Agro Forestry	Yield q/ha
Crop Diversification	insect population/plant
Integrated Crop Management	No of pods/plant
Integrated Farming system	Disease incidence %
Integrated Disease Management	No of effective tillers/hill
Integrated Nutrient Management	Rhizome wt/Plant(g)
Integrated Weed Management	No of weeds/m2
Varietal Evaluation	Fruit wt(g)
Integrated Pest Management	No of Fruits/plant
Integrated Plant Nutrient Management	Fruit Length(cm)
Feed and Fodder Production	No of nodules/plant
Resource conservation Technology	% Insectitation
Soil Fertility Management	No of Cobs/plant
	No of Larvae/m2
	No of Panicles/m2
	No of Tillers/hills
	No of Bulb weight(g)
	No of Grains/panical
	No. of tubers/plant
	Weight of Curd/head (g/plant)
	No. of Siliquae or Capsule /plant
	Seedling Germination (%)
OFT/FLD on Agriculture Engineering	
Farm Mechanization	Yield (q/ha)
Resource Conservation Technology	Field Capacity (ha/hr)
Post Harvest Management	Cleaning efficiency %
Storage loss minimization Technology	Cleaning Capacity q/hr
Small Farm Implements	weed population per m2
	tillers/plant
	water inefficiency
	irrigation efficiency

OFT/FLD on Animal Science	
Animal Feed / Fodder Management	Milk yield (Lit/day/animal)
Animal Disease Management	change in body weight(kg)
Animal Nutrition Management	Egg Production/bird/year
Livestock production & management	% decrease in Worm
Animal breed evaluation	Parasite control (%)
Poultry Production and management	Body weight at 12 month (kg/goat)
	Parasite occurrence (%)
	Live weight (kg/bird) at 12th Month
	Growth Rate (90 days)
	Yield q/ha (Fodder)
	Mortality %
	Feed intake
	% Disease infestation
OFT/FLD on Fisheries	
Fingerling Production in Seasonal Ponds	Yield (q/ha)
Composite Fish Farming	Yield (q/ha), ABW (kg)
Fish Nutrition	Survival Rate (%)
Fish-cum-Duck Farming	Disease incidence (%)
Fish Production & Management	
Fish Breeding	
Fish Seed Production	
Spawn to fry production	
Integrated Farming System	

2.1 Details of OFT on Crops

KVK na me	Ye ar	Seas on	Probl em diagn	Title of OFT	Category of technology (Assessme	Tech	Title o nology/	of Variety	Thematic Area	Crop/ enter prise	Farmi ng Situa	Targ et	No. of trial	(esults with ameto			et Retu (Rs./ha		Recomm endation s
			ose		nt/ Refinemen t)	T1	Т2	Т3			tions		S	FP (T ₁)	RP (T₂)	Т 3	FP (T ₁)	RP (T ₂)	Т3	
KA WA RD HA	20 19	kHA RIF	Use of high seed rate coupled with heavy infestati on of weeds in biasi system of rice cultivati on.	Assessm ent of Integrate d crop manage ment in rice	Assessment	Farm ers Practi ce (Dela yed Manu al Weed ing)	cation of Pretila chlor (6%) + Pyraz osulfu ron (0.15 % GR) at 600+1 5 g/ha at 6-8 days after transp lantin g and thin layer of water for 2- 3 days		Integrated Crop Management	Rice	Rainfe d Lowlan d		04							
KA WA RD HA	20 19	kHA RIF	Use of low yieldin g variety	Assessm ent of high yielding variety	Assessment	local variet y of Grou	High yieldi ng variet		Integrated Crop Manageme nt	Groundn ut	Rainfe d uplan d		04							

KA WA RD HA	20 19	kHA RIF	Use of low yieldin g variety	of groundn ut Dharni Assessm ent of high yielding variety of Soybean	Assessment	ndnut Soyb ean (JS- 93- 05,JS -95- 60)	y of Groun dnut Dharn i High yieldi ng variet y JS- 20-69 of	Integrated Crop Manageme nt	Soybean	(Kanh ar Rainfe d uplan d (Kanh ar	04				
КА					Assessment	Use	Soybe an Use of		Soybean		04				
WA RD HA	20 19	kHA RIF	Heavy loss of crop due to Diseas es in Soybea n	Assessme nt of Chemica I Disease Manage ment in Soybean		of not reco mme nded fungi cide for the contr ol of disea se	Tebuc onazol e 250E C @ 156.2 5gm ai/ha	Diseases Manageme nt		d uplan d (Kanh ar					
KA WA RD HA	20 19	Khar if	plant damag e due to heavy wind proble ms, leads to heavy loss to the farmer s, therefo re they	Assessm ent of New tissue culture variety of Banana against High wind velocity	Assessment	Bana na var. G-9	Banan a var. Zelig	Fruit production	FRUIT	Rainfe d uplan d (Kanh ar)	05				

	need short structu red plant with averag e yield produc tion of G-9									
KA WA RD HA 20 19 - 20 Ra 20	Use of high seed rate In broadc asting metho ds of chickp resulte d improp er plant popula tion	Assessment Broa dcast ng with high seed rate	i m of Chick pea Intens ificati	Integrated crop manageme nt	Chickpe a	Irrigat ed uplan d (Kanh ar	04			

							Weedi ng (20 and 40 DAS), Two Irrigat ion (35 and 55-60 DAS)								
KA WA RD HA	20 19- 20	Rabi	Heavy Yield Loss due to Weed Infesta tion, Labour e Proble m	Assessm ent of chemical weed manage ment in Chick pea	Assessment	No use of herbi cides, delay ed manu al weedi ng due to labou re probl em	Use of pendi methli n30% EC @1.00 kg,a.i. /ha PE	Weed manageme nt	Chickpe a	Irrigat ed uplan d (Kanh ar	04				
KA WA RD HA			Paddy straw and sugarc ane trashes not properl y decom pose in traditio nal metho d	Introducti on of improve d techniqu e of decompo sing through Trichode rma		Use of cow dung	Use of Tricho derma	Improved practice	Trichode rma	Irrigat ed uplan d (Kanh ar	04				

КА					Assessment	Only	Kharif		Homes	Rainfe	05				
KA WA RD HA	20 19- 20	Khari f- Rabi- Zaid-	Due to imprope r manage ment of Badi, nutrition requirem ent of farm families are not fulfill and hence more depende ncy on market for daily food requirem ent leads malnutri tion and extra expanses among them	security of farm families	Assessment	Only Veget able produ ction durin g Khari f and Rabi seaso n	Fruit+ Veget able+ Tuber + Spice +Ver micm	SHG	Homes tead Garden ing	Rainfe d uplan d (Kanh ar)	05				
KA WA RD HA	20 19	Khar if	MNREG A ponds and ditches are construc ted for Rain	Assessm ent of Water chestnut cultivatio n under MNREG A water	Assessment	Pond s and ditch es kept fallo w	Seaso	ІСМ	Integrated crop managem ent	ed	05				

		water	bodies			Dece								
		harvesti	for			mber)								
		ng and	livelihoo			Water								
		enhance	d support			chestn								
		livelihoo	through			ut								
		d	efficient			cultiv								
		activities	water			ation								
		like Fish	utilizatio			+								
		cultivati	n by SHGs			Marig								
		on, but most of	SHGS											
		the				old								
		ponds				and								
		and				Veget								
		ditches				able								
		are kept				cultiv								
		fellow,				ation								
		that				on								
		leads to				pond								
		Un				bund								
		utilizatio												
		n of												
		water												
		bodies												
		potential												
KA		Farmer		Assassment	D1 '	Bhima		Onion	Irrigat	05				
		1 annior		Assessment	Bhim	BIIIIIa		Omon	migai	05				
WA		S		Assessment	Bhim a Red			Onion	ed	05				
WA RD		s practic		Assessment	a Red	Red+		Childh	ed uplan	05				
RD		s practic ing		Assessment	a Red +floo	Red+ Drip		Childh	ed uplan d	05				
		s practic ing flood	Assessm	Assessment	a Red +floo d	Red+ Drip and		Onion	ed uplan d (Kanh	05				
RD		s practic ing flood irrigati	Assessm	Assessment	a Red +floo d irriga	Red+ Drip and RDF		Childhi	ed uplan d	05				
RD		s practic ing flood irrigati on and	ent of	Assessment	a Red +floo d	Red+ Drip and RDF fertiga		Cinon	ed uplan d (Kanh	05				
RD		s practic ing flood irrigati on and imbala	ent of Onion	Assessment	a Red +floo d irriga	Red+ Drip and RDF		Cinon	ed uplan d (Kanh	05				
RD		s practic ing flood irrigati on and imbala nce	ent of Onion cultivatio	Assessment	a Red +floo d irriga	Red+ Drip and RDF fertiga			ed uplan d (Kanh	05				
RD		s practic ing flood irrigati on and imbala nce use of	ent of Onion cultivatio n	Assessment	a Red +floo d irriga	Red+ Drip and RDF fertiga			ed uplan d (Kanh	05				
RD	Rabi	s practic ing flood irrigati on and imbala nce use of fertiliz	ent of Onion cultivatio n through	Assessment	a Red +floo d irriga	Red+ Drip and RDF fertiga	Integrated		ed uplan d (Kanh	05				
RD	Rabi 2019	s practic ing flood irrigati on and imbala nce use of fertiliz ers	ent of Onion cultivatio n through drip	Assessment	a Red +floo d irriga	Red+ Drip and RDF fertiga	crop		ed uplan d (Kanh	05				
RD	2019	s practic ing flood irrigati on and imbala nce use of fertiliz ers leads	ent of Onion cultivatio n through drip irrigation	Assessment	a Red +floo d irriga	Red+ Drip and RDF fertiga	crop manageme		ed uplan d (Kanh	05				
RD	Rabi 2019 -20	s practic ing flood irrigati on and imbala nce use of fertiliz ers leads to poor	ent of Onion cultivatio n through drip irrigation and fertigatio	Assessment	a Red +floo d irriga	Red+ Drip and RDF fertiga	crop		ed uplan d (Kanh	05				
RD	2019	s practic ing flood irrigati on and imbala nce use of fertiliz ers leads to poor yield	ent of Onion cultivatio n through drip irrigation and fertigatio n under	Assessment	a Red +floo d irriga	Red+ Drip and RDF fertiga	crop manageme		ed uplan d (Kanh	05				
RD	2019	s practic ing flood irrigati on and imbala nce use of fertiliz ers leads to poor yield and	ent of Onion cultivatio n through drip irrigation and fertigatio n under midland	Assessment	a Red +floo d irriga	Red+ Drip and RDF fertiga	crop manageme		ed uplan d (Kanh	05				
RD	2019	s practic ing flood irrigati on and imbala nce use of fertiliz ers leads to poor yield and more	ent of Onion cultivatio n through drip irrigation and fertigatio n under midland irrigated	Assessment	a Red +floo d irriga	Red+ Drip and RDF fertiga	crop manageme		ed uplan d (Kanh	05				
RD	2019	s practic ing flood irrigati on and imbala nce use of fertiliz ers leads to poor yield and more water	ent of Onion cultivatio n through drip irrigation and fertigatio n under	Assessment	a Red +floo d irriga	Red+ Drip and RDF fertiga	crop manageme		ed uplan d (Kanh	05				
RD	2019	s practic ing flood irrigati on and imbala nce use of fertiliz ers leads to poor yield and more water require	ent of Onion cultivatio n through drip irrigation and fertigatio n under midland irrigated	Assessment	a Red +floo d irriga	Red+ Drip and RDF fertiga	crop manageme		ed uplan d (Kanh	05				
RD	2019	s practic ing flood irrigati on and imbala nce use of fertiliz ers leads to poor yield and more water require ment,	ent of Onion cultivatio n through drip irrigation and fertigatio n under midland irrigated	Assessment	a Red +floo d irriga	Red+ Drip and RDF fertiga	crop manageme		ed uplan d (Kanh	05				
RD	2019	s practic ing flood irrigati on and imbala nce use of fertiliz ers leads to poor yield and more water require ment, poor	ent of Onion cultivatio n through drip irrigation and fertigatio n under midland irrigated	Assessment	a Red +floo d irriga	Red+ Drip and RDF fertiga	crop manageme		ed uplan d (Kanh	05				
RD	2019	s practic ing flood irrigati on and imbala nce use of fertiliz ers leads to poor yield and more water require ment, poor storage	ent of Onion cultivatio n through drip irrigation and fertigatio n under midland irrigated	Assessment	a Red +floo d irriga	Red+ Drip and RDF fertiga	crop manageme		ed uplan d (Kanh	05				
RD	2019	s practic ing flood irrigati on and imbala nce use of fertiliz ers leads to poor yield and more water require ment, poor	ent of Onion cultivatio n through drip irrigation and fertigatio n under midland irrigated	Assessment	a Red +floo d irriga	Red+ Drip and RDF fertiga	crop manageme		ed uplan d (Kanh	05				

KA WA RD HA	Khari f Rabi 2019 -20	Low income generat ion throug h Agricu lture	Assessm ent of IFS model for increasin g agricultu re income.	Assessment	Poor mana geme nt of Lives tock, Badi, Wate r Reso urse and Com post Uint	nath, Goat Unit, Vermi comp ost Tank, Home stead Gardn ing,	IFS	IFS	Rainfe d uplan d (Kanh ar)	05				
KA WA RD HA	Khari f - 2019, Rabi 2019 -20	Farmer s only take sole sugarc ane	Assessm ent of sugarcan e Onion Intercrop ping	Assessment	Sole Sugar cane	Sugar cane: Onion (1:5) (120c mx60)	Integrated Crop Manageme nt	Sugarcan e	Irrigat ed uplan d (Kanh ar	05				
KA WA RD HA	Rabi 2019 -20	Heavy infestat ion due to whip smut in sugarc ane	Assessm ent of chemical set treatment for control of smut (Whip) diseases in sugarcan e	Assessment	No set treat ment	Set treatm ent with Tebuc onozo le 50% @ 0.1% soluti on for half to one hour	Integrated Diseases Manageme nt	Sugarcan e	Partial ly irrigat ed uplan d (Kanh ar)	04				

2.1a Recommendations of OFTs

	Recommendations	
Title of OFT	For Farmers	For Deptt. Personnel

2.2 Economic Performance

KVK name	OFT Title	Р	arameter	S				Cost of n (Rs/ha)	Avera	age Gro (Rs/ł		Av	erage Net ((Rs/ha)		(0		ost Ratio acturn / Cost)
		Name and unit of Parameter	FP (T ₁)	RP (T ₂)	(T₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP(T₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)
Kawardha	Assessment of Integrated crop management in rice	Yield q/ha															
Kawardha	Assessment of high yielding variety of groundnut Dharni	No of pods/plant															
Kawardha	Assessment of high yielding variety of Soybean	No of pods/plant															
Kawardha	Assessment of Chemical Disease Management in Soybean	Disease incidence %															
Kawardha	Assessment of New tissue culture	Average bunch wt															

·			. <u></u>	 	 	. <u></u>	 	 	<u> </u>	 . <u> </u>	
	variety of Banana against High wind velocity										
Kawardha	Assessment of SCI method of chickpea cultivation	No of pods/plant									
Kawardha	Assessment of chemical weed management in Chick pea	No of weeds/m2									
Kawardha	Introduction of improved technique of decomposing through Trichoderma	No. of Days									
Kawardha	Assessment of Badi cultivation for nutritional and livelihood security of farm families	crop yield/ year									
Kawardha	Assessment of Water chestnut cultivation under MNREGA water bodies for livelihood support through efficient water utilization by	Yield of Water chestnut									

	SUCa				1	1	1]
	SHGs										
Kawardha	Assessment of Onion cultivation through drip irrigation and fertigation under midland irrigated condition	Average bulb wt									
Kawardha	Assessment of IFS model for increasing agriculture income.	Average income/ farm family									
Kawardha	Assessment of sugarcane Onion Intercropping	Yield q/ha									
Kawardha	Assessment of chemical set treatment for control of smut (Whip) diseases in sugarcane	No of infected plant/m ²									

2.3 Details of OFT on Agriculture Engineering

KV K na	Ye ar	Seas on	Probl em diagn	Title of OFT	Category of technology (Assessme		Title o nology/	of 'Variety	Thematic Area	Crop/ enter prise	Farmi ng Situa	Targ et	No. of trial	(esults with amet			et Retu (Rs./ha		Recomm endation s
me			ose		nt/ Refinemen t)	T1	Т2	Т3			tions		S	FP (T ₁)	RP (T ₂)	Т 3	FP (T ₁)	RP (T ₂)	Т3	
Ka war dha	20 19	Khar if	Low yield Due to zig- zag transpl	Assessm ent of Self propelled Paddy transplan	Assessment	Zig- Zag trans planti ng	g by		Farm Mechaniza tion	Rice	Rainfe d Lowla		05							

				t 6			1 1				r					1	
			anting of rice.	ter for rice			led			nd							
			Becaus	transplan			paddy										
			e plant	ting			Trans										
			popula	ting			plante										
			tion				r										
			does														
			not														
			mainta														
			in														
			proper.														
			manual														
			transpl														
			anting														
			increas														
			e the														
			cost of														
			cultiva														
			tion														
Ка			Low	Assessm		Sowi	Sowin		Raised	Rainfe		05		l			
war			yield	ent of		ng of			bed	d							
dha			Due to	Raised	Assessment	Soyb	Soybe		Planter	uplan							
una			traditio	bed		ean	an			d							
			nal	planter		throu				(Kanh							
			metho	for line						ar							
			d of	sowing		gh	h										
			sowing	of		Seed											
			becaus	soybean		cum	d bed										
			e			fertili	-										
			broade			zer	r										
			asting			drill		Farm									
	20	Khar	causes					Mechaniza									
	19	if	improp					tion									
	10		er														
			covera														
			ge of														
			seed														
			and fertiliz														
			er, Draina														
			ge or														
			water														
			loggin														
			g														
Ка			Facure	A		Use	Use of	Earres	Soybea	Rainfe		05					
	20	Khar	Econo	Assessm		of	Soybe	Farm Mechaniza	n	d		05					
war	19	if	mic	ent of	Assessment				weeder	uplan							
dha	-		loss	weeder		single	an	tion		"P "u"			1		1		

			for small farmer s in manual weedin g in soybea n crop	for Inter culture operation in Soybean Crop		wheel hoe for weedi ng	r			d (Kanh ar)					
Ka war dha	20 19	Khar if	Low yield Due to traditio nal metho d of sowing becaus e broadc asting causes improp er covera ge of seed and fertiliz er, Draina ge or water loggin g	Assessm ent of Multicro p Planter	Assessment	Seed cum fertili zer drill	rop plante r	Farm Mechaniza tion	Multicr op Planter	Rainfe d uplan d (Kanh ar	05				
Ka war dha	20 19- 20	Rabi	Low yield Due to traditio nal metho d of sowing becaus e manual ly	Assessm ent of sugarcan e planter for sowing of sugarcan e	Assessment	Manu ally sowin g	cane	Farm Mechaniza tion	Sugarc ane Planter	Partial ly irrigat ed Lowla nd (Kanh ar	05				

			transpl anting causes improp er covera ge of seed and fertiliz er,												
Ka war dha	20 19- 20	Rabi	Water loggin g, less produc tion in Chickp ea	Assessme nt of Broad bed seed drill for ridge and furrow method of Chickpea	Assessment	Sowi ng of Chick pea throu gh Seed cum fertili zer drill	g of Chick pea throug h of broad bed	Farm Mechaniza tion	Broad bed Furrow seed drill	Irrigat ed uplan d (Kanh ar)	05				

2.3a Recommendations of OFTs

	Recommendations											
Title of OFT For Farmers For Deptt. Personnel												

2.4 Economic Performance

KVK name	OFT Title	F	arameters	5				Cost of n (Rs/ha)	Avera	ge Gros (Rs/ha	ss Return a)	Ave	erage Net (Rs/ha)		(6	iross R	ost Ratio eturn /
		Name and unit of Parameter	FP (T ₁)	RP (T ₂)	(T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP(T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	Gross RP (T ₂)	Cost) Refined Practice, if any (T ₃)
Kawardha	Assessment of Self propelled Paddy transplanter for rice transplanting	Field Capacity (ha/hr)															
Kawardha	Assessment of Raised bed planter for line sowing of soybean	Yield (q/ha)															
Kawardha	Assessment of weeder for Inter culture operation in Soybean Crop	weed population per m2															
Kawardha	Assessment of Multicrop Planter	Yield (q/ha)															
Kawardha	Assessment of sugarcane planter for sowing of sugarcane	Field Capacity (ha/hr)															
Kawardha	Assessment of Broad bed seed drill for ridge and furrow	Yield (q/ha)															

method of								
Chickpea								

2.5 Details of OFT on Agriculture Engineering

KVK	Ye	Seas	Proble	Title of	Category of		Title c	of	Thematic	Crop/	Farmi	Targ	No.	R	esults	;	Ne	et Retu	irns	Recomme
nam	ar	on	m	OFT	technology	Tech	nology/	'Variety	Area	enterp	ng	et	of	(with			(Rs./ha	a)	ndations
е			diagno		(Assessme					rise	Situati		trials	para	met	er)				
			se		nt/	T1	T2	T3			ons			FP	RP	T3	FP	RP	T3	
					Refinemen									(T ₁)	(T ₂)		(T ₁)	(T ₂)		
					t)															

2.5a Recommendations of OFTs

	Recommendations	
Title of OFT	For Farmers	For Deptt. Personnel

2.6 Economic Performance

KVK name	OFT Title		Parameter	S			verage (Itivation	Cost of (Rs/ha)	Avera	ge Gros (Rs/ha	s Return)	Averag	e Net Retur	n (Rs/ha)	(G		ost Ratio eturn / Cost)
		Name and unit of Parameter	FP (T ₁)	RP (T ₂)	(T₃)	FP (T ₁)	RP (T₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP(T₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)

2.7 Details of OFT on Animal Science

KVK	Ye	Seas	Proble	Title of	Category of		Title c	of	Thematic	Crop/	Farmi	Targ	No.	Re	esults		Ne	et Retu	irns	Recomme
nam	ar	on	m	OFT	technology	Tech	nology/	Variety	Area	enterp	ng	et	of	(with			(Rs./ha	a)	ndations
е			diagno		(Assessme					rise	Situati		trials	para	mete	er)				
			se		nt/	T1	T2	T3			ons			FP	RP	T3	FP	RP	T3	
					Refinemen									(T ₁)	(T ₂)		(T ₁)	(T ₂)		
					t)									,						

2.7a Recommendations of OFTs

	Recommendations	
Title of OFT	For Farmers	For Deptt. Personnel

2.8 Economic Performance

KVK name	OFT Title		Parameter	s			verage (tivation	Cost of (Rs/ha)	Avera	ge Gros (Rs/ha	s Return I)	Averag	e Net Retur	n (Rs/ha)	(G		ost Ratio eturn / Cost)
		Name and unit of Parameter	FP (T ₁)	RP (T ₂)	(T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP(T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)

2.9 Details of OFT on Animal Science

KVK	Ye	Seas	Proble	Title of	Category of		Title c	of	Thematic	Crop/	Farmi	Targ	No.	Re	esults		Ne	et Retu	irns	Recomme
nam	ar	on	m	OFT	technology	Tech	nology/	'Variety	Area	enterp	ng	et	of	(with			(Rs./ha	a)	ndations
е			diagno		(Assessme					rise	Situati		trials	para	mete	er)				
			se		nt/	T1	T2	T3			ons			FP	RP	T3	FP	RP	T3	
					Refinemen									(T ₁)	(T ₂)		(T ₁)	(T₂)		
					t)															

2.9a Recommendations of OFTs

	Recommendations	
Title of OFT	For Farmers	For Deptt. Personnel

2.10 Economic Performance

кук	OFT	Parameters	Average Cost of	Average Gross Return	Average Net Return (Rs/ha)	Benefit-Cost Ratio	
-----	-----	------------	-----------------	----------------------	----------------------------	--------------------	--

name	Title					cul	tivation	(Rs/ha)		(Rs/ha)				•	iross R Gross	eturn / Cost)
		Name and unit of Parameter	FP (T ₁)	RP (T ₂)	(T ₃)	FP (T ₁)				RP (T ₂)	Refined Practice, if any	FP (T ₁)	RP(T ₂)	Refined Practice, if any	FP (T ₁)	RP (T₂)	Refined Practice, if any
		Farameter						(T₃)			(T ₃)			(T ₃)			(T ₃)

2.11 Details of OFT on Fisheries

KVK nam		Seas on	Proble m	Title of OFT	Category of technology		Title of ology/V		Thematic Area	Crop/ enterp	Farmi ng	Targ	No. of		esults with	;		et Retu (Rs./ha	-	Recomme ndations
e	u.	0.1	diagno	0.11	(Assessment/		0.0877	uncty	, iicu	rise	Situati	et	trials	•	amet	er)		(,	-)	inductions
			se		Refinement)	T1	T2	Т3			ons			FP (T ₁)	RP (T₂)	Т3	FP (T1)	RP (T₂)	Т3	
														(1)	(12)		(1)	(12)		

2.11a Recommendations of OFTs

	Recommendations	
Title of OFT	For Farmers	For Deptt. Personnel

2.12 Economic Performance

KVK name	OFT Title		Parameter	S			verage (tivation	Cost of (Rs/ha)	Avera	ge Gros (Rs/ha	s Return I)	Average	e Net Retur	n (Rs/ha)	(G		ost Ratio Return / Cost)
		Name and unit of Parameter	FP (T ₁)	RP (T ₂)	(T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP(T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)
			Parameter														

2.13 Information about Home Science OFT: (For All Thematic Area)

KVK Name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/ Refinement)	Thematic Area	Details of Technology Selected for Assessment	Characteristics of Technology / Variety / Product / Enterprise	Farming / Enterprise Situation	No. of trials	Recommendations

2.13 (A) Economic Performance Home Science OFT: (For Drudgery Reduction)

кук	OFT Title								Per	formance	Indicato	r / Parame	ter		
name		Outpu	it m2/h	Expen	nergy diture min.		HR /min	% reduct drudg	-	% incre effici		Cardiac Wo	Cost of ork	-	of cardiac ost
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

2.13 (B) Economic Performance Home Science OFT: (For Income Genration)

КVК	OFT Title					Pe	rformance In	dicator / Para	meter				
name			ction per Init	Cost	of input	Increment	tal income	Yield(Kg	/ha)	Net R	eturn	Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

2.13 (C) Economic Performance Home Science OFT: (For value addition)

KVK	OFT Title						Performance	Indicator ,	/ Paramet	er					
name			osition roduct	Inpu	t used	outco	ome (Kg)	Cost o	finput	Increme incon		Net R	eturn	Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

2.13(D) Economic Performance Home Science OFT: (For Nutritional security)

KVK	OFT	Perfor	mance Indicat	or / Par	ameter			Nut	rient l	ntake (L	Jnit)			Anthr	opom	etric meas	ureme	ents	
name	Title	Nam vegetable/Fi			er capita mption gm/ day	Ene (kc	•••	Pro (g	tein m)	Iron (r	ng)	Calci (m	·	Increase in Wei (Kg)	ght	Increase Height (c		Increase BMI (१	-
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

3. Frontline Demonstrations

3.1. Follow-up for results of FLDs implemented during previous years (upto 2018-19)

	Crop/	Thematic		Details of popularization	Horizonta	al spread of tecl	nnology
KVK Name	Enterprise		Technology demonstrated	methods suggested to the	No. of	No. of	Area in
		Area		Extension system	villages	farmers	ha
Kawardha	Paddy	Varietal Evaluation	Variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	300	1850	24400
Kawardha	Soybean	Varietal Evaluation	Variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	20	430	1020
Kawardha	Soybean	Farm Mechanization	Broad bed furrow	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	30	350	100
Kawardha	Mechanization Seed cum fertilizer Drill		Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	55	680	1200	
Kawardha	Paddy	Integrated Pest Management	IPM	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	10	42	65
Kawardha	Paddy	Integrated Disease Management	IDM	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	8	60	310
Kawardha	Paddy	Integrated Disease Management	IDM	Demonstration plots, Discussion with other farmers, Distribution of literatures.	25	50	60
Kawardha	Mushroom	Mushroom Production	Mushroom cultivation	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	15	100	-
Kawardha	Sugarcane	Diseases Management	Agrochemical	Visit of other farmers in the Demonstration plots	350	2200	2520
Kawardha	Chickpea	Farm Mechanization	Seed cum fertilizer Drill	Visit of other farmers in the	500	4000	20000

List of technologies domonstrated and	nonularized during provious ve	are and recommended for large	scale adaption in the district
List of technologies demonstrated and	i popularizeu uuring previous ye	and and recommended for large	scale auoption in the district

				Demonstration plots			
Kawardha	Wheat	Farm Mechanization	Seed cum fertilizer Drill	Visit of other farmers in the. Demonstration plots Discussion with other farmers, Distribution of literatures.	220	500	320
Kawardha	Chickpea	Integrated Pest Management	IPM	Visit of other farmers in the Demonstration plots Discussion with other farmers, Distribution of literatures.	580	11100	27000
Kawardha	Wheat	Varietal Evaluation	Variety	Visit of other farmers in the Demonstration plots	50	75	70
Kawardha	Chickpea	Varietal Evaluation	Variety	Visit of other farmers in the. Demonstration plots Discussion with other farmers, Distribution of literatures.	60	150	180
Kawardha	Sugarcane	Varietal Evaluation	Variety	Visit of other farmers in the Demonstration plots Discussion with other farmers, Distribution of literatures.	38	190	220

3.2 Details of FLDs on Crop to be implemented during 2019-20

					Name of		Crop-		s (q/ha)			N	o. of fa	rmers	
KVK Name	year	Season	Thematic area	Technology demonstrated	Crop/ Enterprise	Name of Variety/Technology/Enterprises	Area (ha) / Entrep - No.	FP (T ₁)	RP (T ₂)	% change	SC	sт	Others	General	Tota I
Kawardha	2019	Kharif	Integrate d crop manage ment	Direct seeded line Sowing	Rice	Indira Rajeshwari	5.00								
Kawardha	2019	Kharif	Plant protectio n	Blast disease of paddy	Rice	IDM module	5.00								
Kawardha	2019	Kharif	Varietal Evaluati on	Varietal Evaluation Soybean	Soybean	Use of improved variety, line sowing with proper fertilizer and pest management	5.00								

Kawardha	2019	Kharif	Integrate d Disease Manage ment	IDM	Rice	 Seed Treatment with Carbendazim @ 2 g/kg of Seed. FYM should uniformly spread during field preparation Avoid the FYM Heaps in the field . Spray with Propiconazole 25 EC @ 0.1% at boot stage 	5.00				
Kawardha	2019	Kharif	HOV	HOV	white brinjal	Chhattisgarh safed Baigan	1.00				
Kawardha	2019-20	Rabi	Varietal Evaluati on	Variety	Chickpea	RVG-202	5.00				
Kawardha	2019-20	Rabi	Varietal Evaluati on	Varietal Evaluation of Lathyrus	Lathyrus	Use of improved variety, line sowing with proper fertilizer and pest management	5.00				
Kawardha	2019-20	Rabi	Integrate d Crop manage ment	ICP	Arbi	Arbi cultivation with recommended package of practice	5.00				
Kawardha	2019-20	Rabi	Integrate d Diseases Manage ment	Chickpea, Bioagent	Chickpea	<i>Trichodarma viride</i> for control of Chickpea collar rot	5.00				
Kawardha	2019-20	Rabi	Integrate d Pest Manage ment	IPM	Chickpea	Use of IPM package (Optimum seed rate, -use of bird perchers, -intercropping of coriander(10:1), s-praying of profenophos 50EC @ 1 lit/ha)	5.00				
Kawardha	2019-20	Rabi	Varietal Evaluati on	Varietal Evaluation of wheat	Wheat	Use of improved variety, line sowing with proper fertilizer and pest management	5.00				
Kawardha	2019-20	Rabi	Varietal Evaluati on	Variety	Sugarcane	Co-94008	5.00				
Kawardha	2019-20	Rabi	Integrate d Pest Manage ment	IPM	Sugarcane	Set treatment with Tebuconozole 50% @ 0.1% solution for half to one hour	5.00				

3.3 Economic Impact of FLD

кук	Technology	Name of Crop/ Enterprise	Parar	neters		Cost cultiva (Rs/	ation	Gross R (Rs/I			let Return /ha)	Benefit Ratio (Return / Cos	Gross / Gross
Name	demonstrated		Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
kawardha	Direct seeded line Sowing	Rice	Yield (q/ha)										
kawardha	Blast disease of paddy	Rice	Yield (q/ha)										
kawardha	Varietal Evaluation Soybean	Soybean	Yield (q/ha)										
kawardha	IDM	Rice	Yield (q/ha)										
kawardha	HOV	white brinjal	Yield (q/ha)										
kawardha	Variety	Chickpea	Yield (q/ha)										-
kawardha	Varietal Evaluation of Lathyrus	Lathyrus	Yield (q/ha)										
kawardha	ICP	Arbi	Yield (q/ha)										-
kawardha	Chickpea, Bioagent	Chickpea	Yield (q/ha)										1
kawardha			Yield (q/ha)										
	IPM												
		Chickpea											
kawardha	Varietal Evaluation of wheat	Wheat	Yield (q/ha)										

kawardha	Variety	Sugarcane	Yield (q/ha)					
kawardha	IPM	Sugarcane	Yield (q/ha)					

3.4 Details of FLDs on Agriculture Engineering to be implemented during 2019-20

					Name of		Crop- Area	Result	s (q/ha)			N	lo. of fa	rmers	
KVK Name	year	Season	Thematic area	Technology demonstrated	Cron/	Name of Variety/Technology/Enterprises	(ha) /	FP (T ₁)	RP (T ₂)	% change	SC	ST	Others	General	Total
Kawardha	2019	Kharif	Farm mechanization	Inclined plate planter	Rice	Inclined plate planter	5.00								
Kawardha	2019	Kharif	Farm Mechanization	Broad bed furrow seed drill	Soybean	Broad bed furrow seed drill	5.00								
Kawardha	2019	Kharif	Farm Mechanization	Self propelled vertical conveyer reaper	Rice	Self propelled vertical conveyer reaper	5.00								
Kawardha	2019- 20	Rabi	Farm Mechanization	Seed cum Fertilizer Drill for sowing	Wheat	Seed cum fertilizer drill	5.00								
Kawardha	2019- 20	Rabi	Farm Mechanization	Self propelled vertical conveyer reaper	Wheat	Self propelled vertical conveyer reaper									

3.5 Economic Impact of FLD

KVK Name	Technology	0/		neters		Cost cultiva (Rs/I	tion	Gross R (Rs/l		Average N (Rs/		Benefit Ratio (C Return / Cos	Gross Gross
Name	demonstrated		Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)

kawardha	Inclined plate planter	Rice	Yield (q/ha)					
kawardha	Broad bed furrow seed drill	Soybean	Yield (q/ha)					
kawardha	Self propelled vertical conveyer reaper	Rice	Field Capacity (ha/hr)					
kawardha	Seed cum Fertilizer Drill for sowing	Wheat	Yield (q/ha)					
kawardha	Self propelled vertical conveyer reaper	Wheat	Field Capacity (ha/hr)					

3.6 Details of FLDs on Animal Science to be implemented during 2019-20

	year Season area demonstrated Crop/	Crop- Area	Result	s (q/ha)			N	o. of fa	rmers					
KVK Name	year	Season	 07	Crop/ Enterprise	Name of Variety/Technology/Enterprises	(ha) / Entrep - No.	FP (T ₁)	RP (T ₂)	% change	SC	ST	Others	General	Total

3.7 Economic Impact of FLD

KVK Name	Crop/	Name of Crop/ Enterprise	Paran	neters		Cost cultiva (Rs/h	tion	Gross Re (Rs/ha		Average No (Rs/I		Benefit Ratio (C Return / Cos	Gross Gross
Name	demonstrated		Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)

·							

3.8 Details of FLDs on Fishery to be implemented during 2019-20

	KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Nome of	Crop- Area	Results (q/ha)			No. of farmers				
							Name of Variety/Technology/Enterprises	(ha) / Entrep - No.	FP (T ₁)	RP (T₂)	% change	SC	SТ	Others	General	Total

3.9 Economic Impact of FLD

KVK	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
Name			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)

3.10 Information about Home Science FLDs - (For All Thematic Area)

KVK	Year	Seaso	Thematic	Problem	Technology to	Crop/ Enterprise	Name of	Farming	Proposed	No. of
nam		n	Area	Identified	be	(In which crop	Variety/Technology/Entr	Situation	area (ha)	Beneficiaries
е					Demonstrate	Enterprise or	eprizes			
					d as Solution	Farming Activity)				
					to the					
					Identified					
					Problem					

3.11(A) Economic Performance Home Science FLD: (For Drudgery Reduction)

кук	FLD Title								Per	formance	e Indicato	or / Parame	ter		
name		Output m2/h		Est. Energy Expenditure kj/min.		WHR % beat/min					% increase in Cardiac Cost of efficiency Work			% Saving of cardiac Cost	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	Т2

3.11 (B) Economic Performance Home Science FLD: (For Income Genration)

KVK	FLD Title				-	Perfo	rmance In	dicator / Par	ameter				
name			ction per init	Cost o	of input	Incren inco	nental ome	Yield(Kg	/ha)	Net R	eturn	Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

3.11 (C) Economic Performance Home Science FLD: (For value addition)

KVK	FLD Title					F	Performance I	ndicator	/ Param	eter					
name		Comp	osition	Inpu	t used	outco	ome (Kg)	Cost o	f input	Increm	ental	N	et	Saving in	BC
		of pr	roduct							incor	ne	Ret	urn	Rs	ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

3.11 (D) Economic Performance Home Science FLD: (For Nutritional security)

KVK	FLD	Perform	ance Indicator	r / Parameter Nutrient Intake (Unit)			Anthropometric measurements												
name	Title	-	me of Fruit/Product		r capita sumption	Ene (ko		Pro (gi	tein m)	lro (m		Calci (m		Increase ir Weight (Kg		Increa in Heig		Increa in BMI	
				gr	n/ day		-		-						1	(cm)		
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

3.12 Training and Extension activities proposed under FLD

KVK Name	Сгор	Activity	No. of activities organized	Number of participants	Remarks
Kawardha		Field days	6	600	
		Farmers Training	10	350	
		Media coverage	15	Mass	
		Training for extension functionaries	02	100	

3.13 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 OFT/FLD	Future Adoption				

Kawardha	Use Self Propelled Vertical Conveyor Reaper	Harvesting Paddy and Wheat crop By Reaper	FLD	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	FLD	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		
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
Kawardha	Use Self Propelled Vertical Conveyor Reaper	Harvesting Paddy and Wheat crop By Reaper	FLD	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	FLD	YES
Kawardha	Use of Raised Bed Planter	Sowing of Chickpea with Raised Bed Planter	OFT	YES

Kawardha	Integrated pest management of Paddy	 Transplanting of one row of Karigilas variety after every nine rows of cultivated Paddy variety. 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

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
М	Male
F	Female
Т	Total
Thematic Areas for Tra	aining
СР	Crop Production
HOV	Horticulture – Vegetable Crops
HOF	Horticulture-Fruits
НОО	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
	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	Date and place	No. Of participants to be involved
	category of the training	assessment		
Kawardha	FW	Group discussion		
Kawardha	RY	Group discussion		
Kawardha	IS	Group discussion		

Name	Cate-	Training	Thematic	Training Title	No. of	Duration	Target for				Parti	cipants	5		
of KVK	gory	Туре	area		Courses	(Days)	No. of	Ge	eneral		SC		ST	Ot	hers
							participants	м	F	м	F	м	F	м	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
Kawardha	FW	ONC	СР	Weed Management	1	1	25								
Kawardha	FW	ONC	СР	Crop Diversification	1	1	25							-	
Kawardha	FW	ONC	СР	Water management	1	1	25								
Kawardha	FW	OFC	СР	Seed Production	1	1	25								
Kawardha	FW	OFC	СР	Integrated crop management	1	1	25								
Kawardha	FW	OFC	СР	Production of organic inputs	1	1	25								
Kawardha	FW	OFC	СР	Cropping Systems	1	1	25								
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									
Kawardha	FW	OFC	SFM	Soil Sampling Technique	1	1									
Kawardha	FW	OFC	SFM	Fertilizer Calculation	1	1									
Kawardha	FW	OFC	PLP	Integrated Pest	1	1	25							1	1

Name	Cate-	Training	Thematic	Training Title	No. of	Duration	Target for	r Participants General SC ST							
of KVK	gory	Туре	area		Courses	(Days)	No. of	Ge	eneral		SC		ST	Ot	hers
							participants	м	F	м	F	м	F	м	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
				Management											-
Kawardha	FW	OFC	PIS	Bio-fertilizer production	1	1									
Kawardha	FW	OFC	НОО	Production technology of flowers	1	1	25								
Kawardha	FW	OFC	HOV	Nursery management of rabi crop	1	1	25								
Kawardha	FW	OFC	HOF	Lay out of orchard and their maintenance	1	1	25								
Kawardha	FW	ONC	НОТ	Production technology of tuber crop	1	1	25								
Kawardha	FW	ONC	HOV	Production technology of cucurbit crop	1	1	25								
Kawardha	FW	ONC	HOS	Production technology of spices crop	1	1	25								
Kawardha	FW	ONC	HOV	Micro irrigation system for vegetable	1	1	25								
Kawardha	FW	OFC	HOV	Importance of geen shed,green house, poly house in horticulture	1	1	25								
Kawardha	FW	OFC	HOV	Prossesing of vegetable crop	1	1	25								
Kawardha	FW	OFC	PIS	Vermi-compost production	1	1									
Kawardha	FW	OFC	PIS	Organic manures production	1	1									
Kawardha	FW	OFC	AEG	Uses Seed cum fertilizer drill introduction	1	1	25								
Kawardha	FW	OFC	AEG	Uses seed cum fertilizer drill	1	1	25								
Kawardha	FW	OFC	AEG	Uses multi crop planter	1	1	25								1
Kawardha	FW	OFC	AEG	Introduction of Power reaper	1	1	25								
Kawardha	FW	OFC	AEG	Introduction of Bullock operator implement	1	1	25								
Kawardha	FW	OFC	AEG	Uses of Raised Bed	1	1	25	1		1		1		1	1

Name	Cate-	Training	Thematic	Training Title	No. of	Duration	Target for				Parti	cipants	5		
of KVK	gory	Туре	area	-	Courses	(Days)	No. of	Ge	eneral		SC		ST	Ot	hers
							participants	м	F	М	F	Μ	F	Μ	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
				planter											
Kawardha	FW	OFC	AEG	Care and maintenances of argil machine			25								
Kawardha	FW	OFC	AEG	Uses of Raised Bed planter	1	1	25								
Kawardha	FW	ONC	PLP	Insect Pest of Sugarcane	1	1	25								
Kawardha	FW	OFC	AEG	Care and maintenances of intercultural machine			25								
Kawardha	FW	ONC	AEG	Introduction of Broad bed furrow method	1	1	25								
Kawardha	FW	OFC	PLP	Diseases of Sugarcane	1	1	25								
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

				Duration of	Num	ber of B	Benefic	iaries		
Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	training		SC		ST	Othe	ers
				(days)	М	F	М	F	Μ	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						

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	Fruit and vegetable preservation				
Kawardha	Mushroom Production				
Kawardha	Trichoderma Production				

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

Table 5.5. Sponsored Training Programmes

			Sub-				No. of Participants							Fund		
Name of KVK	Title	Thematic area (as given in abbreviation table)	theme (as per column no 5 of	Client (FW/ RY/ IS)	Dura- tion (days)	No. of courses	G	en		ners	s	C		T	Sponsoring Agency	received for training (Rs.)
			Table T1)				Μ	F	Μ	F	Μ	F	Μ	F		
Kawardha	Tractor Care and Maintenance	AEG	-	FW	1	1										
Kawardha	Nursery Management	СР		FW	1	1										
Kawardha	Seed Production	СР	-	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	PLP	-	FW	1	1					
V	crop Diseases of Sugarcane	PLP	-	FW	,	,					
Kawardha			-		1	I					
Kawardha	Disease and Insect of Pulse crop	PLP	-	FW	1	1					
Kawardha	Production technology of flowers	HOO	-	FW	1	1					
Kawardha	Nursery management of rabi crop	HOV	-	FW	1	1					
Kawardha	Lay out of orchard and their maintenance	HOF	-	FW	1	1					
Kawardha	Production technology of tuber crop	НОТ	-	FW	1	1					
Kawardha	Production technology of cucurbit crop	HOV	-	FW	1	1					
Kawardha	Production technology of spices crop	HOS	-	FW	1	1					
Kawardha	Importance of geen shed, green house, poly house in horticulture	HOV	-	FW	1	1					
Kawardha	Micro irrigation system for vegetable	HOV	-	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

			Sub-				No.	. of P	artic	ipants	5			
 		Thematic area	theme (as	Client	Dura-		Oth	ners	SC		ST			Fund received
lame of VK	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)

Name of	Title of the training	No. of trainees	Change i knowled (Score)		Change in Productio		Change in I (Rs)	ncome	1. 2.	Impact on Area expanded (ha) No. of farmers adopted (no.)
KVK			Before	After	Before	After	Before	After	3. F	% change in knowledge, production & Income

6. EXTENSION ACTIVITIES

Name of the				Detail	of Partic	cipants					Remarks	
KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Farmer (Others		SC/ST (I	SC/ST (Farmers)		nsion ials	Purpose	Topic s	Сгор
		(Targettu)	(Acine veu)	Μ	F	М	F	Μ	F		-	Stages
Kawardha	Field Day	08										
Kawardha	Kisan Mela	02										
Kawardha	Kisan Ghosthi	06										
Kawardha	Exhibition	10										
Kawardha	Film Show	02										
Kawardha	Method Demonstrations	10										
Kawardha	Farmers Seminar	10										
Kawardha	Workshop	12										
Kawardha	Group meetings	15										
Kawardha	Lectures delivered as resource persons	30										
Kawardha	Newspaper coverage	45										
Kawardha	Radio talks	00										
Kawardha	TV talks	02										
Kawardha	Popular Articles	10										
Kawardha	Extension Literature	15										
Kawardha	Farm Advisory Services	00										
Kawardha	Scientific visit to farmers field	45										
Kawardha	Farmers Visit to KVK	2000										
Kawardha	Diagnostic Visits	45										
Kawardha	Exposure Visits	10										
Kawardha	Ex-trainees Sammelan	06										
Kawardha	Soil Health Camp	01										
Kawardha	Animal Health Camp	00										
Kawardha	Agri Mobile Clinic	00										
Kawardha	Soil Test Campaigns	10										
Kawardha	Farm Science Club conveners meet	00										
Kawardha	Self Help Group conveners meetings	60										

7. Production and supply of Technological products

7.1 Seed production

KVK Name	Major group/class	Сгор	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	INDIRA SOYA -1	SD				
Kawardha	Pulses	Pigeon pea	Rajiv lochan	SD				
		Green gram	Pairi mung	SD				
		Chickpea	RVG-202	SD				
		Lathyrus	Mahateora	SD				

7.2 Planting Material production

		Name	Date of	Date of	Area	Details of proc	luction		Amount (R	s.)	
KVK Name	Major group/class	of the	sowing	harvest	(ha)	Variety	Type of	Qty.	Cost of	Gross	Remarks
		crop	Jowing	narvest	(110)	variety	Produce	QLY.	inputs	income	
Kawardha	Seedling of Vegetable										
Kawardha	Saplings of Fruit Plants										

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
Kawardha	BIOAGENTS	2.0			
Kawardha	BIOFERTILIZERS	2.0			

7.4 Livestock and fisheries production

KVK Name Name	Details of production	Amount (Rs.)	Remarks
---------------	-----------------------	--------------	---------

	of the animal / bird / aquatics	Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
Kawardha	Cattle						
Kawardha	Buffalo						
Kawardha	Sheep and Goat						
Kawardha	Poultry	01		25			
Kawardha	Fisheries						
Kawardha	Others (Specify)						

8. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : Yes

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	1500	12500			

8.2 Details of water samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Water report distributed to the farmers (Nos)
Kawardha	Water Sample	2017-18						

9. Rainwater Harvesting, if available.

Training programmes to be conducted by using Rainwater Harvesting Demonstration Unit

: 2017-18

Name of	Date	Title of the training	Client (PF/RY/EF)	No. of		f Participa uding SC/S		No. of S	C/ST Part	icipants	No	o. of officia	lls
KVK	Date	course		Courses	Male	Female	Tota I	Male	Femal e	Total	Male	Female	Total

10. Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages to be sent	No. of beneficiaries		No of Village Covered	Major recommendations
Kawardha	50	Farmers	Ext. Pers.		

11. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Kawardha	28.02.2019	50	

12. Literature to be 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	April	Quarterly	-	

12.2 Details of Electronic Media to be Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-	Title of the programme	Number
	Cassette)		
Kawardha	02		
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	02	Туре	Title	Author's name	Number of copies
Technical bulletins	4				
Technical reports	01				
Popular article	15				
News paper coverage	45				
Year Planner	350				
Others (pl. specify)					

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)					

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

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)

15. Utilization of Staff Quarters.

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

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	10

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			

18. KVK interaction with progressive farmers-

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		
	Intensive	Extensive	Intensive	Extensive	
Kawardha		04	10	15	

Intensive- OFTS, FLDS etc

Extensive-Literatures, Publications, and 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			

23. Status of KVK Website:

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

24. Status of RTI

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

25. E-CONNECTIVITY (ERNET Lab)

Name of KVK	Number and D	ate of Lecture deliver	ed from KVK Hub		No of lectors organized by KVK		
	Date	No of Staff attended	No of call received from Hub	No of Call mate to Hub by KVK		Brief achievements	Remarks

26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of	Number of	Related crop/livestock technology
		Activities	Participants	
Kawardha	Animal health camp			
Kawardha	Cashless Transaction Week			
Kawardha	Celebration of important days (Parthenium eradication week, Swachhata Abhiyan and Soil Health Day, ,National Integrity Day,World environment day,World forestry day,World Water Day)			
Kawardha	International Women Day			
Kawardha	Gajarghans Unmulan Pakhwada			
Kawardha	Group Meeting			

Name of KVK	Types of Activities	No. of	Number of	Related crop/livestock technology
		Activities	Participants	
Kawardha	Hindi diwas pakhwada			
Kawardha	Jai Kisan Jai Vigyan Sangoshthi			
Kawardha	Narmada sewa Yatra			
Kawardha	Plant health camp			
Kawardha	Plant Protection Week			
Kawardha	Soil health Camp			
Kawardha	Swachha Bharat Abhiyan			
Kawardha	Technology Week			
Kawardha	Van Mahotsava			
	Others (PI. Specify)			

27. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

SI. 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	Sugarcane		

	Total	

Farmers-scientists interaction on livestock management

SI.No.	Name of KVK	Livestock components	Number of interactions	No.of participants

Animal health camps to be organized

Name of KVK	Number of camps	No.of animals	No.of farmers

Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers

Seedlings and Saplings to be distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area	Number of				
			(ha)	farmers				
Seedlings								

Bio-control Agents

Name of KVK	Bio-control Agents	Quantity (q)	Coverage of Area (ha)	No. of farmers

Bio-Fertilizer

Name of KVK	Bio-Fertilizer	Quantity (kg)	Coverage of Area (ha)	No. of farmers

Worms Produced

Name of KVK	Verms Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers

Large scale adoption of resource conservation technologies

ſ	Name of KVK	Crops/cultivars and of resource conservation technologies introduced	Area (ha)	Number of farmers

Awareness Campaign

Name of KVK Meetings		Gosthies Field		Field d	ield days Farmers fair E		Exhibition		Film show			
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers

28. Activities proposed of Satellite Village on Doubling Farmer's Income

Information about Satellite Village

Name of KVK	Block	Village
Kawardha	Bodla	Rengakhar Khurd

1. Proposed Activities for Natural Resource Management:-

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted	Remarks

2. Proposed Activities for Crop Diversification:-

Name of intervention undertaken	Numbers under taken	No of units	Area (ha)	No of farmers covered / benefitted	Remarks

3. Proposed Activities for Crop Production

Name of intervention undertaken Area (ha)		No of farmers covered / benefitted	Remarks

4. Proposed Activities for Livestock and Fisheries

Name o	f intervention undertaken	Numbers under taken	No of units	Area covered (ha)	No of farmers covered / benefitted	Remarks

5. Proposed Activities for Livelihood Security to small and marginal land holders:-

Name of intervention undertaken	Numbers under taken	No of units	Area covered (ha)	No of farmers covered / benefitted	Remarks

6. Proposed Activities for Institutional Interventions

Name of intervention undertaken	No of units	Area covered (ha)	No of farmers covered / benefitted	Remarks

7. Proposed Activities for Capacity Building

Thematic area	No. of Courses	No. of beneficiaries		
		Male	Female	Total

8. Proposed Extension Activities in Satellite Village

Thematic area	No. of activities	No. of beneficiaries		
i nematic area	INO. OF activities	Male	Female	Total

29. Activities proposed in Nutri-Smart Village

Information about Nutri-Smart Village

Name of KVK	Block	Village
Kawardha	Bodla	Barpelatola

1. Innovative practices to promote nutrition-sensitive agriculture and food security :

Areas	Type of intervention taken (OFT/FLD/Training/ Extension Activity)	Name of intervention taken	Numbers under taken	Quantity (unit)	% change in Nutritional Status	No of beneficiaries
Diversification and intensification of production						
Nutrition sensitive livestock and fisheries						
Biodiversity for food & nutrition including forest produces/ Minor						
Millets Bio-fortification						
Other (Pl. Specify)						

2. Value Chain And Village Trade related Issue:

Areas	Type of intervention taken (OFT/FLD/Training/ Extension Activity)	Name of intervention taken	Numbers under taken	Quantity	% change in Nutritional Status	No of beneficiaries
Demand-supply dynamics and market intelligence by the women.						
Processing and product development of NTFPs by						

women.			
Food Fortification			
Technology adaptation mechanisms for nutritional security.			
Economic empowerment through sustainable income generation among women.			
Other (Pl. Specify)			

3. Improving Maternal and Child Nutrition

Areas	Type of intervention taken (OFT/FLD/Training/ Extension Activity)	Name of intervention taken	Numbers under taken	% change in Nutritional Status	No of beneficiaries
Strategies and programs for improved maternal nutrition- experiences					
Community based strategies to enhance and sustain breast feeding practices and promote early childhood development.					
Approaches to improve complementary foods and feeding practices.					
Comprehensive approach to address acute malnutrition in children.					
Improving nutrition among tribal population with community focus on first 1000 days.					

4. Nutrition Literacy

Areas	Type of intervention taken (OFT/FLD/Training/ Extension Activity)	Name of intervention undertaken	Number of Courses	No of beneficiaries
Nutrition Education and Behaviour				
Micronutrient Supplementation				
Adolescent and Maternal Nutrition				

Areas	Type of intervention taken (OFT/FLD/Training/ Extension Activity)	Name of intervention undertaken	Number of Courses	No of beneficiaries
Malnutrition Management Service				
Other (Pl. Specify)				

5. Capacity development of women institutions/ SHGs/ FIGs/FPOs

Area	Name of intervention undertaken	Number of Courses	No of beneficiaries
Human Resource management for			
women			
Capacity development through			
participatory method			
Skill development			
Other (Pl. Specify)			

6. Enabling Suitable governance and policy

Areas	Name of intervention taken	Numbers under taken	No of Courses	No of beneficiaries
Role of horticulture and Agriculture				
Engineering in Nutritional Security				
Climate Smart agriculture for Nutritional				
Security				
Other (Pl. Specify)				

7. Institutional Interventions in Collaboration (through KVK, Anganwadi of other Department) :-

Name of intervention undertaken	No of collaborative Department	No of beneficiaries	Remark

30. Activities Proposed for Sansad Adarsh Gram

Information about Sansad Adarsh Gram

Name of KVK	Block	Village
Kawardha	Bodla	Rajanawagoan

1. Technologies to be Demonstrated

Name of Technology	Name of Crop/Enterprise	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted

2. Proposed Extension Activities

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

3. Proposed Training Programme

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

31. Proposal of NICRA (Only NICRA KVKs)

1. Technologies to be Demonstrated

Name of Technology	Name of Crop	Area (ha.)	Yield	% change in Yield	No. of farmers benefitted

2. Proposed Extension Activities in NICRA Village

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

3. Proposed Training Activities in NICRA Village

Nome 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)

32. Status of Revolving Funds (Rs.)

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

33. Awards & Recognitions

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

34. Case study / Success Story to be developed -

Sr. no.	Name of KVK	No. of success stories	No. of case studies
01	Kvk,kawardha		

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)