

KVK, Kawardha ANNUAL ACTION PLAN

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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 2014-15

1) Kindly fill up only targeted/ proposed information for Annual Action Plan-from 1st April, 2014 to 31st March 2015 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 2014 to March, 2015

Summary of the activities

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries	
Kawardha	OFTs	17				
Kawardha	FLDs – Oilseeds (activity in ha)	02				
Kawardha	FLDs – Pulses (activity in ha)	03				
Kawardha	FLDs – Cotton (activity in ha)	00				
Kawardha	FLDs – Other than Oilseed and pulse crops(activity in ha)	08				
Kawardha	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	02				
Kawardha	Training-Farmers and farm women	78				
Kawardha	Training-Rural youths	04				
Kawardha	Training- Extension functionaries	02				
Kawardha	Extension Activities	250				
Kawardha	Seed Production (Number of activity as seeds in quintal)	262				
Kawardha	Planting material ((Number of activity as quantity of planting material in quintal)	00				
Kawardha	Seedling Production (Number of activity as number of seedlings in numbers)	00				
Kawardha	Sapling Production (Number of activity as number of sapling in numbers)	00				
Kawardha	Other Bio- products (No. of quantity)	01				
Kawardha	Live stock products	00				
Kawardha	Activities of Soil and Water Testing Laboratory	00				
Kawardha	Rainwater Harvesting System	00				
Kawardha	Kisan Mobile Advisory (KVK-KMA)	1000				
Kawardha	SAC Meeting (Date & no. of core/ official members)	01				
Kawardha	Literature to be Developed/Published	5000				
Kawardha	Convergence programmes / Sponsored programmes	00				
Kawardha	Utilization of Farmers Hostel	00				

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries	
Kawardha	Utilization of Staff Quarters	00				
Kawardha	Details of KVK Agro-technological Park	00				
Kawardha	Crop Cafeteria-	03				
Kawardha	Farm Innovators- list of 10 farm innovators from the District	04				
Kawardha	Status of Revolving Funds	00				
Kawardha	Awards and Recognitions	00				
Kawardha	Case study / Success Story to be developed	06				
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	02				
Kawardha	KVK Ring	02				
Kawardha	Important visitors to KVK	04				
Kawardha	Status of KVK Website	00				
Kawardha	Status of RTI	00				
Kawardha	E-connectivity	00				
Kawardha	Details of Technology Week Celebrations	42				
Kawardha	Interventions on Drought Mitigation	00				
Kawardha	Proposal of NAIP	00				
Kawardha	Proposal of NICRA	00				
Kawardha	Well labeled photographs	00				
Kawardha	Other Activities	00				

1. GENERAL INFORMATION

1.1. Staff Position (as on date 01.04.2014)

Name of KVK	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specilization	Pay scale	Present pay	Date of joing	Per./Temp.	Category
Kawar dha	Programme Coordinator	Dr. T.D.Sahu	Soil Science	Ph. D.	Soil Science	15600-39100 + 6000 AGP	27310	25.10.07	Temporary	OBC
Kawar dha	Subject Matter Specialist1	Smt. Sulochana Bhuyan	Fisheries	M. F. Sc.	Inland Fisheries	8000-13500	12000	25.10.07	Temporary (On Probation)	OBC
Kawar dha	Subject Matter Specialist2	Dr. B.P.Tripathi	Plant Pathology	Ph. D.	Plant Pathology	15600-39100 + 5400 AGP	21000	06.09.12	Temporary (On Probation)	Others
Kawar dha	Subject Matter Specialist3	Dr. Nutan Ramteke	L.P.M	M. V. Sc.	L.P.M	15600-39100 + 5400 AGP	21000	06.09.12	Temporary (On Probation)	SC
Kawar dha	Subject Matter Specialist4	Dr. S.K.Upadhyay	Agronomy	Ph. D.	Agronomy	15600-39100 + 5400 AGP	26230	06.09.12	Temporary (On Probation)	Others
Kawar dha	Subject Matter Specialist5	Er. T.S.Sonwani	F.M.P	M. Tech.	F.M.P	15600-39100 + 5400 AGP	21000	10.09.12	Temporary (On Probation)	SC
Kawar dha	Subject Matter Specialist6	Smt. Pramila Kant	Horticulture	M. Sc.	Horticulture	15600-39100 + 5400 AGP	21000	12.09.12	Temporary (On Probation)	SC
Kawar dha	Programme Assistant (Computer)	Mr. Yogesh Kumar Kaushik	Information Technology	BE (IT)	Information Technology	9300-34200+4200 AGP	13500	12.07.2013	Temporary (On Probation)	Others
Kawar dha	Farm Manager	.Shri B.S.Parihar	Agronomy	M. Sc	Agronomy	9300-34200+4200 AGP	13500	12.09.12	Temporary (On Probation)	Others
Kawar dha	Computer Programmer	Vacant								
Kawar dha	Accountant / superintendent	Shri A. K. Tiwari		M. A.		5200 – 20200 + 2800 AGP	14280	28.07.10	Temporary	Others
Kawar dha	Stenographer	Vacant								
Kawar dha	Driver	Shri Khileshwar		Higher Secondary		5200-20200 +1900AGP	7100	01.04.13	Temporary (On Probation)	OBC
Kawar dha	Driver	Shri Harad Ram		Primary		5200-20200	7100	01.04.13	Temporary	OBC

Name of KVK	Sanction post	Name of the incumbent	Discipline	Higist degree	Subject of specilization	Pay scale	Present pay	Date of joing	Per./Temp.	Category
						+1900AGP			(On Probation)	
Kawardha	Supporting staff	Shri. Salik Ram Lodhi		Middle		4750 – 7400 + 1300 AGP	6830	16.09.08	Temporary (On Probation)	OBC
Kawardha	Supporting staff	Shri Shiv Kumar Lodhi		Primary		4750 – 7400 + 1300 AGP	6830	16.09.08	Temporary (On Probation)	OBC

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

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.	<i>Kharif</i> Area	1.58 lac ha
6.	<i>Rabi</i> 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 1.4.2013 to 31.3.2014 (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	Chardongri	2013-14	Kawardha	12km	1200	175
Kawrdha	Kosmanda	2013-14	S.Lohara	45km	1000	125

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

KVK Name	THRUST AREA
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	Samnapur/Bodla
Kawardha	Non-availability of quality seeds of suitable HYVs	Discussion with farmers	Sonversa/Kawardha
Kawardha	Lack of suitable agricultural implements for seeding of crops	Discussion with farmers, field visit	Babhani/Kawardha
Kawardha	Lack of proper agricultural infrastructures including irrigation	Discussion with farmers	Chharbhata/Kawardha
Kawardha	Non-awareness regarding effective control of various pests and diseases (insects, diseases and weeds)	Discussion with farmers and Field visit	Bagahara/Pandariya
Kawardha	High incidence of pests and diseases, Improper use of fertilizer and chemicals	Discussion with farmers, field visit	Tilaeebhat/Lohara
Kawardha	Less knowledge about post harvest handling of agriculture produce	Discussion with farmers, field visit	Bedarchi/Bodla

2. On Farm Testing

2.1 Information about OFT to be conducted

KVK name	Year/ season	Problem diagnose	Category of technology (Assessment/ Refinement)	Thematic Area	Crop/ enterprise	Farming Situations	Target	No. of trials	Title of OFT	Results (with parameter)		Net Returns (Rs./ha)	
										Farmer practice T1	Rec. Tech T2	T1	T2
Kawardha	Kharif, 2014	Use of high seed rate coupled with heavy infestation of weeds in biasi system of rice cultivation. Sometimes crop fails due to drought situation occurred at the time of biasi. Sometimes crop fails due to drought situation occurred at the time of biasi	Assessment	Integrated crop management	Paddy / Herbicides	Rainfed upland	04	04	Evaluation of improvement in <i>Biasi</i> cultivation of rice through crop management				
Kawardha	Kharif, 2014	Heavy loss of crop due to stem borer infestation in rice	Assessment	Integrated Pest Management	Paddy /Agrochemical	Rainfed upland	04	04	Assessment of IPM modules for stem borer in paddy				
Kawardha	Kharif, 2014	Improper, untimely and defective method of Fungicides application	Assessment	Integrated Disease Management	Paddy /Agrochemical	Rainfed upland	04	04	Assessment of IDM modules for False Smut disease in Paddy				

Kawardha	Kharif, 2014	Heavy Yield Loss due to Weed Infestation, Labour Problem	Assessment	Weed Management	Soybean/herbicides	Rainfed upland	04	04	Assessment of chemical weed management in Soybean				
Kawardha	Kharif, 2014	Improper, untimely and defective method of Fungicides application	Assessment	Integrated Disease Management	Paddy /Agrochemical	Rainfed upland	04	04	Assessment of IDM modules for Blast disease in Paddy				
Kawardha	Kharif, 2014	Low yield due to disease and Insect	Assessment	Varietal Evaluation	Indira Chilli -1	-	04	04	Assessment of new released variety of Chilli – Indira Chilli-1				
Kawardha	Kharif, 2014 & Rabi/ 2014-15	Heavy plant mortality of gram either due to collar rot or wilt complex when grown after soybean in irrigated conditions	Assessment	Integrated crop management	Soybean/Wheat	-	04	04	Assessment of Soybean-based Cropping Systems Under Assured Irrigation				
Kawardha	Kharif, 2014	Low yield Due to traditional method of sowing because broadcasting causes improper coverage of seed and fertilizer, Drainage or water logging	Assessment	Farm Machineries	Raised bed planter	Rainfed upland	04	04	Assessment of Raised bed planter for line sowing of soybean				
Kawardha	Kharif -2014	Too much mortality of carp fry during rearing management due to aquatic	Assessment	Pest Control	Fishes	-	04	04	Assessment of pre stocking management of carp fry to see its				

		insects and predatory and weed fishes							servility				
Kawardha	Rabi-2014-15	Paddy straw and sugarcane trashes not properly decompose in traditional method	Assessment	Improve Practice	Paddy straw and Sugarcane trashes/ Trichoderma	-	04	04	Introduction of improved technique of decomposing through Thichoderma				
Kawardha	2014-15	High incidence of ecto parasites in dairy animals due to resistance of chemical acaricides	Assessment	Livestock production and management	Cattle	-	04	04	Assessment on the effect of herbal oil (Neem and Karanj) to control ecto parasites in dairy animals				
Kawardha	2014-15	Low milk yield due to deficiency of essential mineral in feed	Assessment	Livestock production and management	Buffalo	-	04	04	Assessment of methochelated minerals on milk production in dairy buffaloes				
Kawardha	Rabi , 2013-14	Low yield due to local variety	Assessment	Varietal Evaluation	Onion-Royal selection	-	04	04	Assessment of New Verirty of Onion (Royal Selection)				
Kawardha	Rabi , 2014-15	Low yield due to Pod Borer	Assessment	Integrated Pest Management	Gram/Agroc hemical	-	04	04	Assessment of IPM modules for Gram against Pod Borer				

Kawardha	Rabi , 2014- 15	Heavy plant mortality in Chickpea due to collar rot when grown after rice in irrigated conditions	Assessment	Integrated Diseases Management	Chickpea, Bioagent	Irrigated upland	04	04	Assessment of <i>Trichodarma viride</i> for control of Chickpea collar rot				
Kawardha	Rabi , 2014- 15	Low yield obtained by farmers due to early & Late blight	Assessment	Integrated Disease Management	Tomato/Agrochemical	-	04	04	Assessment of Bio Agent & Agro chemicals against blight disease of Tomato				
Kawardha	Rabi , 2014- 15	Not available labours at the time and high cost for harvesting through manually Practices	Assessment	Farm Machineries	Self propelled reaper	-	04	04	Assessment of Self propelled Reaper For Harvesting of Wheat.				

2.1a Recommendations of OFTs

Recommendations		
Title of OFT	For Farmers	For Deptt. Personnel

2.2 Economic Performance

KVK name	OFT Title				Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
					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																
Kawardha																

3. Frontline Demonstrations

3.1. Follow-up for results of FLDs implemented during previous years (Upto 2013-14)

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

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					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.	200	456	2564
Kawardha	Paddy	Diseases Management	Fungicides	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	4	410	820
Kawardha	Soybean	Varietal Evaluation	Variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	350	435	1305
Kawardha	Soybean	Demonstration of Seed Drill	Seed cum fertilizer drill introduce	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	29	267	874
Kawardha	Tomato	Varietal Evaluation	Variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	2	10	20
Kawardha	Mushroom	Mushroom cultivation	Mushroom Production	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	2	10	-
Kawardha	Chick pea	Varietal Evaluation	Variety	Visit of other farmers in the	210	320	1650

				Demonstration plots, Discussion with other farmers, Distribution of literatures.			
Kawardha	Chick pea	Diseases Management	Bio agent	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	5	15	75
Kawardha	Wheat	Weed Management	Herbicide	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	10	25	50
Kawardha	Sugarcane	Diseases Management	Agrochemical	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	-	-	-
Kawardha	Azola	Feed and fodder	Azola cultivation	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	2	10	10

3.2 Details of FLDs to be implemented during 2014-15

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop- Area (ha) / Entrep – No.	Name of Variety Entreprizes	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Kawardha	Varietal Evaluation	Paddy	<i>Kharif, 2014</i>	Variety	5	Karma Mahsuri								
Kawardha	Diseases Management	Paddy	<i>Kharif, 2014</i>	Fungicides	5	Tebuconazole 50.9%								
Kawardha	Varietal Evaluation	Soybean	<i>Kharif, 2014</i>	Variety	5	JS-95-60								
Kawardha	Varietal Evaluation	Barbati	<i>Kharif, 2014</i>	Variety	.4	Indira Barbati Lal								
Kawardha	Demonstration of Seed Drill	Soybean	<i>Kharif, 2014</i>	Seed cum fertilizer drill introduce	5	Seed drill								

Kawardha	Varietal Evaluation	Pigeon Pea	<i>Kharif, 2014</i>	Variety	5	Asha								
Kawardha	Mushroom cultivation	Mushroom	<i>Kharif-14, Rabi & Zaid- 2014-15</i>	Mushroom Production	-	Pleurotus florida								
Kawardha	Fish cum duck culture	Fish, Duck	<i>Kharif-2014 & Rabi 14-15</i>	Integrated culture	-	Fish-(Catla, Rohu, Mrigal) duck breed (Khakhi Campbell)								
Kawardha	Varietal Evaluation	Gram	<i>Rabi-2014-15</i>	Variety	5	Indira Chana								
Kawardha	Weed Management	Wheat	<i>Rabi , 2014-15</i>	Herbicide	5	Clodinafop Propargyl 15% + Metsulfuron Methyl 1% WP								
Kawardha	Diseases Management	Sugarcane	<i>Rabi , 2014-15</i>	Agrochemical	5	Hot water Treatment at 50° for 30 minutes & Tebuconazole 50%								
Kawardha	Demonstration on Azolla cultivation for feeding of milch animal	Azolla	<i>Rabi , 2014-15</i>	Livestock production and management	05	Azolla Pinata								
Kawardha	Demonstration on Azolla cultivation for feeding of goat	Azolla	<i>Rabi, 2014-15</i>	Livestock production and management	05	Azolla Pinata								
Kawardha	Demonstration of Seed Drill	Chickpea	<i>Rabi, 2014-15</i>	Seed cum fertilizer drill introduce	5	Seed drill								

Kawardha	Varietal Evaluation	Tomato	Rabi, 2014-15	Variety	0.4	Karishma								
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3.3 Economic Impact of FLD

KVK Name	Name of Crop/ Enterprise	Technology demonstrated	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/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													

3.4 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Kawardha	Soybean, Chickpea, Paddy, Sugarcane, Pigeonpea	Field days	10		
		Farmers Training	20		
		Media coverage	20		
		Training for extension functionaries	2		

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 OFT/FLD	Future Adoption

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
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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
T	Total
Thematic Areas for Training	
CP	Crop Production
HOV	Horticulture – Vegetable Crops
HOF	Horticulture-Fruits
HOO	Horticulture- Ornamental Plants
HOP	Horticulture- Plantation crops
HOT	Horticulture- Tuber crops
HOS	Horticulture- Spices
HOM	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
RY	Rural Youth
IS	Extension Personnel

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	May, 2014, Village – Baghara	25
Kawardha	RY	Group Discussion	April, 2014, Village – Khairjiti kala	30
Kawardha	IS	Group Discussion	Kawardha	20

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

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
Kawardha	FW	OFC	CP	Weed Management	1	1									
Kawardha	FW	OFC	CP	Crop Diversification	1	1									
Kawardha	FW	OFC	CP	Water management	1	1									
Kawardha	FW	OFC	CP	Nursery Management	1	1									

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
Kawardha	FW	OFC	CP	Seed Production	1	1									
Kawardha	FW	OFC	CP	Integrated crop management	1	1									
Kawardha	FW	OFC	CP	Production of organic inputs	1	1									
Kawardha	FW	OFC	CP	Cropping Systems	1	1									
Kawardha	FW	OFC	HOV	Management of vegetable nursery	1	1									
Kawardha	FW	OFC	HOV	Off-season vegetables	1	1									
Kawardha	FW	OFC	HOV	Protective cultivation (Green Houses, Shade Net etc.)	1	1									
Kawardha	FW	OFC	HOF	Micro irrigation systems of orchards tomato	1	1									
Kawardha	FW	OFC	HOF	Training & pruning in fruit crops	1	1									
Kawardha	FW	OFC	HOF	Layout and management of orchard	1	1									
Kawardha	FW	OFC	HOF	Use of drips in orchard	1	1									
Kawardha	FW	OFC	HOF	Plant propagation techniques	1	1									
Kawardha	FW	OFC	HOF	Fruit preservation technique	1	1									
Kawardha	FW	OFC	HOP	Production and Management technology	1	1									
Kawardha	FW	OFC	HOT	Processing and value addition	1	1									
Kawardha	FW	OFC	SFM	Soil fertility management	1	1									
Kawardha	FW	OFC	SFM	Integrated Nutrient Management	1	1									
Kawardha	FW	OFC	SFM	Production and use of organic inputs	1	1									
Kawardha	FW	OFC	SFM	Micro nutrient deficiency in crops	1	1									
Kawardha	FW	OFC	SFM	Nutrient Use Efficiency	1	1									
Kawardha	FW	OFC	SFM	Soil and Water Testing	1	1									
Kawardha	FW	OFC	SFM	Soil Sampling Technique	1	1									

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
Kawardha	FW	OFC	SFM	Fertilizer Calculation	1	1									
Kawardha	FW	OFC	PLP	Integrated Pest Management	1	1									
Kawardha	FW	OFC	PLP	Integrated Disease Management	1	1									
Kawardha	FW	OFC	PLP	Bio-control of pests and diseases	1	1									
Kawardha	FW	OFC	PLP	Production of bio control agents and bio pesticides	1	1									
Kawardha	FW	OFC	PLP	Use of Pesticides	1	1									
Kawardha	FW	OFC	PLP	Calculation of doses of pesticides	1	1									
Kawardha	FW	OFC	PLP	Insect Pest of Sugarcane	1	1									
Kawardha	FW	OFC	PLP	Diseases of Sugarcane	1	1									
Kawardha	FW	OFC	PLP	Insect Pest of Oilseed Crops	1	1									
Kawardha	FW	OFC	PLP	Diseases of Plantation crop	1	1									
Kawardha	FW	OFC	PLP	Diseases of Vegetable crop	1	1									
Kawardha	FW	OFC	PLP	Disease and Insect of Pulse crop	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	OFC	FIS	Composite fish culture	1	1									
Kawardha	FW	OFC	FIS	Hatchery management and culture of freshwater prawn	1	1									
Kawardha	FW	OFC	FIS	Fish diseases	1	1									
Kawardha	FW	OFC	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									

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
Kawardha	FW	OFC	PIS	Organic manures production	1	1									
Kawardha	FW	OFC	AEG	Seed drill introduction	1	1									
Kawardha	FW	OFC	AEG	Zero seed drill	1	1									
Kawardha	FW	OFC	AEG	Power tiller	1	1									
Kawardha	FW	OFC	AEG	Power reaper	1	1									
Kawardha	FW	OFC	AEG	Bullock operator implement	1	1									
Kawardha	FW	OFC	CBD	Leadership development	1	1									
Kawardha	FW	OFC	CBD	Group dynamics	1	1									
Kawardha	FW	OFC	LPM	Fodder production and feeding management	1	1									
Kawardha	FW	OFC	LPM	Breeding management	1	1									
Kawardha	FW	OFC	LPM	Care and management of calf	1	1									
Kawardha	FW	OFC	LPM	Care and Buffalo management of cow and	1	1									
Kawardha	FW	OFC	LPM	Vaccination and control measure	1	1									
Kawardha	FW	OFC	LPM	Control of Ecto and Endo Parasites	1	1									
Kawardha	RY	ONC	RY	Mushroom Production	1	1									
Kawardha	RY	ONC	RY	Seed production	1	1									
Kawardha	RY	ONC	RY	Production of organic inputs	1	1									
Kawardha	RY	ONC	RY	Production of Trichodarma	1	1									
Kawardha	RY	ONC	AEG	Tillage implement	1	1									
Kawardha	RY	ONC	RYH	Vermi-culture	1	1									
Kawardha	RY	ONC	RYH	Value addition	1	1									
Kawardha	IS	ONC	PLP	Protection of Kharif crops from insects and diseases	1	1									
Kawardha	IS	ONC	CRP	Cultivation practices of major Kharif crops	1	2									
Kawardha	IS	ONC	PLP	Protection of Rabi crops from insects and diseases	1	1									
Kawardha	IS	ONC	CRP	Cultivation practices of major Rabi crops	1	2									

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
Kawardha	IS	ONC	PLP	Protection of Vegetable crops from insects and diseases	1	1									
Kawardha	FW	ONC	FIS	Integrated fish culture	1	1									
Kawardha	FW	ONC	FIS	Carp culture	1	1									
Kawardha	FW	ONC	LPM	Integrated farming system	1	1									
Kawardha	FW	ONC	LPM	Back yard poultry forming	1	1									

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

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries					
					SC		ST		Others	
					M	F	M	F	M	F
Kawardha	Mushroom Production Technology	Mushroom	Income Generation	10						
Kawardha	Trichoderma Production Technology	Trichoderma	Disease Management	15						
Kawardha	Nursery management technique of Vegetables	Vegetables	Production and Management	3						

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 persons employed else where
		Type of units	Number of units	Number of persons employed	
Kawardha					
Kawardha					

Table 5.5. Sponsored Training Programmes

Name of KVK	Title	Thematic area (as given in	Sub-theme (as per	Client (FW/	Duration	No. of courses	No. of Participants			Sponsoring Agency	Fund received for training (Rs.)
							Others	SC	ST		

		abbreviation table)	column no 5 of Table T1)	RY/ IS)	(days)		M	F	M	F	M	F		
Kawardha														
Kawardha														

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

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Duration (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		
Kawardha														

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

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
			Before	After	Before	After	Before	After	
Kawardha									
Kawardha									

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Kawardha	Field Day	10										
Kawardha	Kisan Mela	02										
Kawardha	Kisan Ghosthi	10										
Kawardha	Exhibition	02										
Kawardha	Film Show	08										
Kawardha	Method Demonstrations	10										
Kawardha	Farmers Seminar	06										
Kawardha	Workshop	12										
Kawardha	Group meetings	20										
Kawardha	Lectures delivered as resource persons	25										
Kawardha	Newspaper coverage	50										
Kawardha	Radio talks	00										
Kawardha	TV talks	00										
Kawardha	Popular Articles	10										
Kawardha	Extension Literature	10										
Kawardha	Farm Advisory Services	00										
Kawardha	Scientific visit to farmers field	40										
Kawardha	Farmers Visit to KVK	300										
Kawardha	Diagnostic Visits	40										
Kawardha	Exposure Visits	01										
Kawardha	Ex-trainees Sammelan	01										
Kawardha	Soil Health Camp	01										
Kawardha	Animal Health Camp	01										
Kawardha	Agri Mobile Clinic	00										
Kawardha	Soil Test Campaigns	00										
Kawardha	Farm Science Club conveners meet	00										
Kawardha	Self Help Group conveners meetings	00										

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								
Kawardha	Pulses	Soybean	JS - 335	Seed				
Kawardha		Black Gram	TU 94-2	Seed				
Kawardha		Gram	Vaibhav	Seed				

7.2 Planting Material production: - Not Applicable

KVK Name	Major group/class	Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
						Variety	Type of Produce	Qty.	Cost of inputs	Gross income	

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

KVK Name	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
	BIO AGENTS				
	BIO FERTILIZERS				
	BIO PESTICIDES				

7.4 Livestock and fisheries production-

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

8. Activities of Soil and Water Testing Laboratory

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

Year of establishment : -

8.1 Details of soil & water samples analyzed so far :

KVK Name	Type	No. of Samples	No. of Farmers	No. of Villages	Amount released	Resources to be generated
	Soil Sample					
	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/RV/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
					Male	Female	Total	Male	Female	Total

10. Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages to be sent	No. of beneficiaries		Major recommendations
Kawardha		Farmers	Ext. Pers.	
Kawardha	96	2000	100	Crop cultivation, IPM, IDM, weather information and others

11. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
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	June, 2008	Quarterly	1000	900

12.2 Details of Electronic Media to be Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Kawardha	VCD	Field day , Kisan Mela	02
Kawardha			

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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 name	Number of copies
Technical bulletins	6				
Technical reports	02				
Popular article	10				
News paper coverage	50				
Year Planner	500				
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): No

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. No

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

16. Details of KVK Agro-technological Park – No

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- No

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
01	Integrated crop management	02

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

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1	Kawardha	Shri Santosh Kumar Chandrawanshi	Mini Power Sprayer	Village- Daujari, Block- Kawardha, 9752524972
2	Kawardha	Shri Lalit Chandravansi	<i>Trichoderma</i> production locally	Village- Khairjinti kala, Block- Kawardha, 9755048082
3	Kawardha	Shri Bharat Lal Verma	Herbal Insectide	Village- Naudih, Block- Kawardha, 7898978746
4	Kawardha	Shri Tuka Ram Sahu	Mushroom Production	Village- Chardongri, Block- Kawardha, 9753200413
5	Kawardha	Shri Punniram Bhatt	Vegetable Production with Drip System	Village- Barbaspur, Block- Kawardha, 9827891936
6	Kawardha	Shri Shiv Kumar Chandrawansi	Vegetable Production especially coriander	Village- Koko, Block- Kawardha, 9303281467
7	Kawardha	Shri Sushil Chandrawansi	Banana Production	Village -Jhalmala,Block- Kawardha,8085068210
8	Kawardha	Shri Paras Ram Sahu	Nadep Pit	Village -Bhedli ,Block- Kawardha, 97389134713
9	Kawardha	Shri Shyam Ratan	Mushroom Production	Village -Rehngi ,Block- Kawardha, 9981738577
10	Kawardha	Shri Mehtaru ram	Chickpea Production	Village -Mirmitti ,Block- Kawardha, 9009890221

18. KVK interaction with progressive farmers- each KVK had already sent a list of 100 progressive farmers to the ZPD, Zone VII, Jabalpur.

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated (in each interaction)
	05.05.2015,24.05.2014,27.05.2014,31.05.2014,03.06.2014	10

	21.06.2014, 17.07.2014, 26.07.2014, 14.08.2014,06.09.2014	10
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19. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Kawardha	4	4	20	30

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

21. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
	KVK, Durg, KVK, Rajnandgaon	Training, Field visit	

22. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks

23. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
	Kawardha	04.02.2014	06	25

24. Status of RTI - NO

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

25. E-CONNECTIVITY (ERNET Lab) NA

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

26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Kawardha	Gosthies	01		

Kawardha	Lectures organized	10		
Kawardha	Exhibition	02		
Kawardha	Film show	01		
Kawardha	Fair	01		
Kawardha	Farm Visit	45		
Kawardha	Diagnostic Practical's	02		
Kawardha	Distribution of Literature (No.)	50		
Kawardha	Distribution of Seed (q)	0		
Kawardha	Distribution of Planting materials (No.)	0		
Kawardha	Bio Product distribution (Kg)	0		
Kawardha	Bio Fertilizers (q)	0		
Kawardha	Distribution of fingerlings (No)	0		
Kawardha	Distribution of Livestock specimen (No.)	0		
Kawardha	Total number of farmers visited the technology week	-		

27. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Sl. No.	Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries

Major area coverage under alternate crops/varieties

Sl. No.	Name of KVK	Crops	Area (ha)	Number of beneficiaries
01	Kawardha	Oilseeds	10	24
		Pulses	25	24
		Cereals	20	36
		Vegetable crops	04	10
		Tuber crops		
		Fruits		
		Spices		
		Cotton		

		Total	59	94

Farmers-scientists interaction on livestock management

Sl. No.	Name of KVK	Livestock components	Number of interactions	No.of participants
		Dairy Management		
		Disease management		
		Feed and fodder technology		
		Poultry management		

Animal health camps to be organized

Name of KVK	Number of camps	No.of animals	No.of farmers
Kawardha	01		

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 (ha)	Number of 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

Verms Produced

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

Large scale adoption of resource conservation technologies

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

Awareness Campaign

Name of KVK	Meetings		Gosthies		Field days		Farmers fair		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
Kawardha			02		01				02		02	

28. Proposal of NICRA

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			
	Farmers	Farm Women	Official	Total

3. Proposed Training Activities in NICRA Village

Name of Activity	Number of Participants/Beneficiaries to be Covered			
	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.)
KVK, Kawardha				
Kawardha				

31. Awards & Recognitions

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

32. Case study / Success Story to be developed – Two best only in the following format

Name of the KVK, **TITLE**, **Introduction**, KVK intervention, Output, Outcome, Impact

Sr. no.	Name of KVK	No. of success stories	No. of case studies
01	Kawardha	02	-

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