

KVK, Kawardha
ANNUAL ACTION PLAN

Contents

Sl. No.	Particular	Page No
	Summary of Action Plan during 1 st April 2013 to 31 st March 2014	5-6
1	General Information	7--10
2	On Farm Testing	11-13
3	Frontline Demonstrations	13-16
4	Feedback System	16-17
5	Training programmes	18-23
6	Extension Activities	23-24
7	Production and supply of Technological products	24-25
8	Activities of Soil and Water Testing Laboratory	25
9	Rainwater Harvesting System	26
10	Kisan Mobile Advisory	26
11	Details of SAC Meeting	26
12	Literature to be Developed/Published	26
13	Convergence with Agricultural Schemes	27
14	Utilization of Farmer Hostel	28
15	Utilization of Staff Quarter	28
16	Details of KVK Agro-technological Park	28
17	Farm Innovators	29
18	KVK Progressive farmer interaction	30
19	Outreach of KVK	30
20	Technology Demonstrations under TDHPP/Tribal Sub Plan/QPM	30
21	KVK Ring	31
22	Important visitors to KVK	31
23	Status of KVK Website	31
24	Status of RTI	31
25	E-Connectivity (E- Linkage Lab)	31
26	Details of Technology Week Celebrations	32
27	Interventions on Drought Mitigation	32-35
28	Activities Under NICRA	35
29	Activities under NAIP	36
30	Status of Revolving Funds	36
31	Awards & Recognitions	36
32	Case study / Success Story	36
33	Well labeled photographs of various activities in JPEG format	-

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 2013-14

1) Kindly fill up only targeted/ proposed information for Annual Action Plan-from 1st April, 2013 to 31st March 2014 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 2013 to March, 2014

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	
	OFTs	10				
	FLDs – Oilseeds (activity in ha)	02				
	FLDs – Pulses (activity in ha)	02				
	FLDs – Cotton (activity in ha)	00				
	FLDs – Other than Oilseed and pulse crops(activity in ha)	06				
	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	04				
	Training-Farmers and farm women	78				
	Training-Rural youths	04				
	Training- Extension functionaries	04				
	Extension Activities	250				
	Seed Production (Number of activity as seeds in quintal)	262				
	Planting material ((Number of activity as quantity of planting material in quintal)	00				
	Seedling Production (Number of activity as number of seedlings in numbers)	00				
	Sapling Production (Number of activity as number of sapling in numbers)	00				
	Other Bio- products (No. of quantity)	01				
	Live stock products	00				
	Activities of Soil and Water Testing Laboratory	00				
	Rainwater Harvesting System	00				
	Kisan Mobile Advisory (KVK-KMA)	1000				
	SAC Meeting (Date & no. of core/ official members)	01				
	Literature to be Developed/Published	5000				
	Convergence programmes / Sponsored programmes	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	
	Utilization of Farmers Hostel	00				
	Utilization of Staff Quarters	00				
	Details of KVK Agro-technological Park	00				
	Crop Cafeteria-	03				
	Farm Innovators- list of 10 farm innovators from the District	04				
	Status of Revolving Funds	00				
	Awards and Recognitions	00				
	Case study / Success Story to be developed	06				
	KVK Progressive Farmers interaction	10				
	Outreach of KVK in the District (No. of blocks, no. of villages)	04				
	Technology Demonstration under Tribal Sub Plan	02				
	KVK Ring	02				
	Important visitors to KVK	04				
	Status of KVK Website	00				
	Status of RTI	00				
	E-connectivity	00				
	Details of Technology Week Celebrations	42				
	Interventions on Drought Mitigation	00				
	Proposal of NAIP	00				
	Proposal of NICRA	00				
	Well labeled photographs	00				
	Other Activities	00				

1. GENERAL INFORMATION

1.1. Staff Position (as on date 08.05.2013)

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
Kawardha	Programme Coordinator	Dr. T.D.Sahu	Soil Science	Ph. D.	Soil Science	15600-39100 + 6000 AGP	27310	25.10.07	Temporary	OBC
Kawardha	Subject Matter Specialist1	Smt. Sulochana Bhuyan	Fisheries	M. F. Sc.	Inland Fisheries	8000-13500	12000	25.10.07	Temporary (On Probation)	OBC
Kawardha	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
Kawardha	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
Kawardha	Subject Matter Specialist4	Dr. S.K.Upadhyay	Agronomy	Ph. D.	Agronomy	15600-39100 + 5400 AGP	26230	06.09.12	Temporary (On Probation)	Others
Kawardha	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
Kawardha	Subject Matter Specialist6	Smt. Pramila Kant	Horticulture	M. Sc.	Horticulture	15600-39100 + 5400 AGP	21000	12.09.12	Temporary (On Probation)	SC
Kawardha	Programme Assistant	Vacant							Temporary (On Probation)	
Kawardha	Farm Manager	.Shri B.S.Parihar	Agronomy	M. Sc	Agronomy	9300-34200+4200 AGP	13500	12.09.12	Temporary (On Probation)	Others
Kawardha	Computer Programmer	Vacant								
Kawardha	Accountant/ superintendent	Shri A. K. Tiwari		M. A.		5200 – 20200 + 2800 AGP	14280	28.07.10	Permanent	Others
Kawardha	Stenographer	Vacant								
Kawardha	Driver	Shri Khilleshwar		Higher Secondary		5200-20200 +1900AGP	7100	01.04.13	Temporary (On Probation)	OBC
Kawardha	Driver	Shri Harad Ram		Primary		5200-20200 +1900AGP	7100	01.04.13	Temporary (On Probation)	OBC
Kawardha	Supporting staff (Peon)	Shri. Salik Ram Lodhi		Middle		4750 – 7400 + 1300 AGP	6830	16.09.08	Temporary (On Probation)	OBC
Kawardha	Supporting staff (Watchman)	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	850.70 mm
3.	Forest Area	1.63 lac ha
4.	Double Cropped Area	0.75 lac ha
5.	<i>Kharif</i> Area	1.64 lac ha
6.	<i>Rabi</i> Area	0.95 lac ha
7.	Total Cultivated Area	2.59 lac ha
8.	Net Cultivated Area	1.85 lac ha
9.	Cropping Intensity	147 %
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	0.39 lac ha
14.	Rabi Irrigated Area	0.30 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	Dharampura	2010-11	Kawardha	12 km	2399	680
Kawardha	Jhalamala	2012-13	Kawardha	23 km	2750	300

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	Insect-pest, disease and weed management in critical crops and at critical growth stages
Kawardha	Balanced use of fertilizers, Integrated plant nutrient management system
Kawardha	Crop diversification in upland soils
Kawardha	Value addition
Kawardha	Adoption of soil and water conservation measures

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	Parsaha (Bodla)
Kawardha	Non-availability of quality seeds of suitable HYVs	Discussion with farmers	Pauni (Pandariya)
Kawardha	Lack of suitable agricultural implements for seeding of crops	Discussion with farmers, field visit	Bhedali (Kawardha)
Kawardha	Lack of proper agricultural	Discussion with farmers	Sara (Lohara)

	infrastructures including irrigation		
Kawardha	Non-awareness regarding effective control of various pests and diseases (insects, diseases and weeds)	Discussion with farmers	Newergaon (Pandariya)
Kawardha	Improper use of fertilizer and chemicals High incidence of pests and diseases	Discussion with farmers, field visit	Newergaon khurd (Bodla)
Kawardha	Non availability of inputs in time	Discussion with farmers	Mirmitti (Kawardha)
Kawardha	Less knowledge about post harvest handling of agriculture produce	Discussion with farmers, field visit	Ranbeerpur (Lohara)
Kawardha	Lack of awareness regarding use of specific control measure for diseases control	Discussion with farmers, field visit	Jhalmal (Kawardha)
Kawardha	Lack of awareness regarding disease identification	Discussion with farmers, field visit	Tilaibhat (Lohara)

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, 2013	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, 2013	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, 2013	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, 2013	Low yield Due to traditional method of sowing because broadcasting causes improper coverage	Assessment	Farm Machineries	Raised bed planter	Rainfed upland	04	04	Assessment of Raised bed planter for line sowing of soybean				

		of seed and fertilizer, Drainage or water logging											
Kawardha	Kharif, 2013	Assessment of new released variety of Chilli – Indira Chilli-1	Assessment	Varietal Evaluation	Indira Chilli -1	-	04	04	Assessment of new released variety of Chilli – Indira Chilli-1				
Kawardha	Kharif, & Rabi/ 2013	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/W heat	-	04	04	Assessment of Soybean-based Cropping Systems Under Assured Irrigation				
Kawardha	Rabi , 2013-14	Low yield due to Pod Borer	Assessment	Integrated Pest Management	Gram/Agrochemical	-	04	04	Assessment of IPM modules for Gram against Pod Borer				
Kawardha	Rabi , 2013-14	Seed drill do not work properly under low or higher moisture condition, sowing of rabi crop gets delayed, moisture and organic matter not conserved	Assessment	Farm Machineries	Wheat/ Gram	-	04	04	Assessment of Strip Till Seed Drill for sowing of Rabi crop after soybean				
Kawardha	Rabi , 2013-14	Low yield due to attack of shoot and fruit borer	Assessment	Integrated Pest Management	Brinjal/Agrochemical	-	04	04	Assessment of tools for control of Shoot and Fruit borer in Brinjal				

Kawardha	Rabi , 2013- 14	Low income of landless labour due to low productivity of local breed in backyard poultry farming	Assessment	Breed evaluation	Vanaraja breed	-	04	04	Assessment on the performance of Vanaraja and Grampriya breed for growth and egg production in backyard system				
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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 2012-13)

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	Soybean	Weed Management	Weedicide, Emajhthaper	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	-	-	-
Kawardha	Soybean (JS 93- 05)	Varietal Evaluation	High Yielding Variety, seed treatment	Visit of other farmers in the Demonstration plots, Discussion with	310	410	2250

				other farmers, Distribution of literatures.			
Kawardha	Rice (Karma Mahasuri)	Varietal Evaluation	Improved variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.			
Kawardha	Gram (Vaibhav)	Varietal Evaluation	High Yielding Variety, seed treatment	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	29	267	874
Kawardha	Wheat (GW-273)	Varietal Evaluation	Improved variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	4	35	125
Kawardha	Long Melon (Komal)	Varietal Evaluation	Improved variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	-	-	-

3.2 Details of FLDs to be implemented during 2013-14

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, 2013</i>	Variety	5	Karma Mahsuri								
Kawardha	Diseases Management	Paddy	<i>Kharif,2013</i>	Fungicides	5	Tebuconazole 50.9%								
Kawardha	Varietal Evaluation	Soybean	<i>Kharif, 2013</i>	Variety	5	JS-93-05								
Kawardha	Demonstration of Seed Drill	Soybean	<i>Kharif,2013</i>	Seed cum fertilizer drill introduce	5	Seed drill								
Kawardha	Varietal Evaluation	Tomato	<i>Rabi,2013</i>	Variety	0.4	Selection -7								

Kawardha	Mushroom cultivation	Mushroom	<i>Khariif-13,Rabi & Zaid-2013-14</i>	Mushroom Production	-	Pleurotus Sajorcoju/Indira sweta								
Kawardha	Varietal Evaluation	Gram	<i>Rabi-2013-14</i>	Variety	5	Vaibhav								
Kawardha	Diseases Management	Gram	<i>Rabi , 2013-14</i>	Bio agent	5	<i>Trichoderma viride</i>								
Kawardha	Weed Management	Wheat	<i>Rabi , 2013-14</i>	Herbicide	5	Clodinafop Propargyl 15% + Metsulfuron Methyl 1% WP								
Kawardha	Diseases Management	Sugarcane	<i>Rabi , 2013-14</i>	Agrochemical	5	Hot water Treatment at 50° for 30 minutes & Tebuconazole 50%								
Kawardha	Varietal Evaluation	Arbi	<i>Rabi , 2013-14</i>	Variety	1	Indira Arbi -1								
Kawardha	Feed and fodder	Azola	<i>Rabi , 2013-14</i>	Azola cultivation	-	Azola								
Kawardha	Fish cum duck culture	Fish, Duck	<i>Khariif-2013 & Rabi13-14</i>	Fish cum duck production	-	Fish-(Catla, Rohu, Mrigal) duck breed (Khakhi Campbell)								
Kawardha	Composite fish production in ponds	Fish	<i>Khariif-2013 & Rabi13-14</i>	Fish production	-	catla, rohu, Mrigal 4:3:3 ratio								

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		Field days	12		
		Farmers Training	24		
		Media coverage	12		
		Training for extension functionaries	6		

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	April, 2013, Village – Mirmitti	25
Kawardha	RY	Group Discussion	April, 2013, Village – Babhani	15
Kawardha	IS	Group Discussion	Kawardha	10

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										
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										

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	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									
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									

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	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									
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									

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	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									
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 forming 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	3						
Kawardha	Trichodarma Production Technology	Trichodarma	Income Generation	3						
Kawardha	Testing of soil using Soil Testing Kit	Enterprise	Income Generation	3						
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 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														
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	14										
Kawardha	Kisan Mela	01										
Kawardha	Kisan Ghosthi	06										
Kawardha	Exhibition	02										
Kawardha	Film Show	08										
Kawardha	Method Demonstrations	06										
Kawardha	Farmers Seminar	06										
Kawardha	Workshop	12										
Kawardha	Group meetings	15										
Kawardha	Lectures delivered as resource persons	25										
Kawardha	Newspaper coverage	28										
Kawardha	Radio talks	00										
Kawardha	TV talks	00										
Kawardha	Popular Articles	12										
Kawardha	Extension Literature	10										
Kawardha	Farm Advisory Services	05										
Kawardha	Scientific visit to farmers field	50										
Kawardha	Farmers Visit to KVK	250										
Kawardha	Diagnostic Visits	14										

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	Exposure Visits	01										
Kawardha	Ex-trainees Sammelan	01										
Kawardha	Soil Health Camp	01										
Kawardha	Animal Health Camp	00										
Kawardha	Agri Mobile Clinic	00										
Kawardha	Soil Test Campaigns	00										
Kawardha	Farm Science Club conveners meet	00										
Kawardha	Self Help Group conveners meetings	01										

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	500	970	30	

11. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Kawardha	10 May, 2013		
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
Kawardha				

12.2 Details of Electronic Media to be Produced

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

12.3 PUBLICATIONS

Category	Number	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
Research Paper		Type	Title	Author's name	Number of copies
Technical bulletins	6				
Technical reports	1				
Popular article	12				
News paper coverage	36				
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

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	Sugarcane Bud Chipper, Mini Power Sprayer	Village- Daujari, Block-Kawardha, 9752524972
2	Kawardha	Shri Bharat Lal Verma	Herbal Insectide	Village- Naudih, Block-Kawardha, 7898978746
3	Kawardha	Shri Punniram Bhatt	Vegetable Production with Drip System	Village- Barbaspur, Block-Kawardha, 9827891936
4	Kawardha	Shri Shiv Kumar Chandrawansi	Vegetable Production	Village- Koko, Block-Kawardha, 9303281467
5	Kawardha	Shri Sushil Chandrawansi	Banana Production	Village -Jhalmala,Block-Kawardha,8085068210
6	Kawardha	Shri Paras Ram Sahu	Nadep Pit	Village -Bhedli ,Block-Kawardha, 7389134713
7	Kawardha	Shri Shyam Ratan	Mushroom Production	Village -Rehngi ,Block-Kawardha, 9981738577
8	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)
	12.04.2013, 17.05.2013, 27.05.2013, 13.06.2013,	10
	28.06.2013, 06.07.2013, 23.07.2013, 12.08.2013	

19. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Kawardha	3	4	6	15

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

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

Sr. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt

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	Under progress		

24. Status of RTI

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
	Gosthies	4		
	Lectures organized	20		
	Exhibition	4		
	Film show	10		
	Fair	2		
	Farm Visit	35		
	Diagnostic Practical's	2		
	Distribution of Literature (No.)	20		
	Distribution of Seed (q)	0		
	Distribution of Planting materials (No.)	0		
	Bio Product distribution (Kg)	0		
	Bio Fertilizers (q)	0		
	Distribution of fingerlings (No)	0		
	Distribution of Livestock specimen (No.)	0		
	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
		Oilseeds		

	Pulses		
	Cereals		
	Vegetable crops		
	Tuber crops		
	Fruits		
	Spices		
	Cotton		
	Total		

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

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			3		2				1		5	

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				

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

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)