# 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 2012-13

- 1) Kindly fill up only targeted/ proposed information for Annual Action Plan-from 1<sup>st</sup> April, 2012 to 31<sup>st</sup> March 2013 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 2012 to March, 2013

# **Summary of the activities**

KVK	Activity		Target	Acl	hievement	
Name		Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries	Total value of resource generated/Fund received from diff. sources (Rs.)
	OFTs	06				
	FLDs – Oilseeds (activity in ha)	10				
	FLDs – Pulses (activity in ha)	05				
	FLDs – Cotton (activity in ha)	00				
	FLDs – Other than Oilseed and pulse crops(activity in ha)	12				
	FLDs – Other than Crops (activity in no. of	00				
	Unit/Enterprise)					
	Training-Farmers and farm women	50				
	Training-Rural youths	05				
	Training- Extension functionaries	05				
	Extension Activities	158				
	Seed Production (Number of activity as seeds in quintal)	150				
	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)	00				
	Live stock products					
	Activities of Soil and Water Testing Laboratory					
	Rainwater Harvesting System					
	Kisan Mobile Advisory (KVK-KMA)					
	SAC Meeting (Date & no. of core/ official members)	01				
	Literature to be Developed/Published	1500				
	Convergence programmes / Sponsored programmes	00				

KVK	Activity		Target	Acl	nievement	
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.)
	Utilization of Farmers Hostel	00				
	Utilization of Staff Quarters	00				
	Details of KVK Agro-technological Park	00				
	Crop Cafeteria-	00				
	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	03				
	KVK Progressive Farmers interaction	08				
	Outreach of KVK in the District (No. of blocks, no. of villages)	04				
	Technology Demonstration under Tribal Sub Plan	00				
	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					
	Interventions on Drought Mitigation					
	Proposal of NAIP					
	Proposal of NICRA					
	Well labeled photographs	00				
	Other Activities	00				

# 1. GENERAL INFORMATION

# 1.1. Staff Position (as on date)

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. S. P. Singh	Soil Science	Ph. D.	Soil Chemistry	15600-39100 + 8000 AGP	31890	01.04.09	01.04.09 Temporary (On Probation)	
Kawardha	Subject Matter Specialist1	Shri T. D. Sahu	Soil Science	M. Sc.	Soil Fertility	15600-39100 + 6000 AGP	24320	25.10.07	Permanent	OBC
Kawardha	Subject Matter Specialist2	Dr. S. P. Sharma	Horticulture	Ph. D.	Pomology	15600-39100 + 6000 AGP	26360	25.03.09	Permanent	Others
Kawardha	Subject Matter Specialist3	Vacant								
Kawardha	Subject Matter Specialist4	Vacant								
Kawardha	Subject Matter Specialist5	Vacant								
Kawardha	Subject Matter Specialist6	Vacant								
Kawardha	Programme Assistant	Vacant								
Kawardha	Farm Manager	Vacant								
Kawardha	Computer Programmer	Vacant								
Kawardha	Accountant/ superintendent	Shri A. K. Tiwari		M. A.		5200 - 20200 + 2800 AGP	13700	28.07.10	Permanent	Others
Kawardha	Stenographer	Vacant								
Kawardha	Driver	Vacant								
Kawardha	Driver	Vacant								
Kawardha	Supporting staff (Messenger)	Smt. Jamuna Bai		Primary		4750 - 7400 + 1300 AGP	6630	16.09.08	Temporary (On Probation)	OBC
Kawardha	Supporting staff (Watchman)	Shri Shiv Kumar Lodhi		Primary		4750 - 7400 + 1300 AGP	6630	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.	Kharif Area	1.64 lac ha				
6.	Rabi 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 1.4.2012 to 31.3.2013 (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						

#### 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	sect-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 infrastructures including irrigation	Discussion with farmers	Sara (Lohara)	
Kawardha	Non-awareness regarding effective control of various pests and	Discussion with farmers	Newergaon (Pandariya)	

		diseases (insects, diseases and weeds)		
K	awardha	Improper use of fertilizer and chemicals High incidence of pests and	Discussion with farmers, field visit	Newergaon khurd (Bodla)
V	awardha	diseases	Discussion with formers	Mimoitti (Vayyandha)
	awardha	Non availability of inputs in time  Less knowledge about post harvest	Discussion with farmers Discussion with farmers, field visit	Mirmitti (Kawardha) Ranbeerpur (Lohara)
		handling of agriculture produce		-

# 2. On Farm Testing

### 2.1 Information about OFT to be conducted

KVK	Year/	Problem	Category of technology	Thematic	Crop/ enterpris	Farming Situations				Results (with	parameter)	Net Retur	ns (Rs./ha)
name	season	diagnose	(Assessment/ Refinement)	Area	e		Target	No. of trials	Title of OFT	Farmer practice T1	Rec. Tech T2	T1	T2
Kawardha	Kharif, 2012	Indiscriminate use of pesticide for control of stem borer in rice	Assessment	Integrated Pest Managem ent	Rice, Bio control Agent	Irrigated bunded Rice field	04	04	Assessment of Trichogramma japonicum for control of stem borer in rice				
Kawardha	Kharif, 2012	Heavy loss of urea (N fertilizer) under field condition, causing low	Assessment	Integrated Nutrient Managem ent	Rice, Slow release N fertilizer	Irrigated bunded Rice field	04	04	Assessment of Neem Coated urea in rice productivity				

	ı	I c .m	T	1	1	ı				T	1	1	
		fertilizer use											
		efficiency											
Kawardha	Kharif,	Heavy Yield	Assessment	Weed	Soybean,	Rainfed			Assessment of				
	2012	Loss Due to		Managem	Herbecide	upland	04	04	chemical weed				
	2012	Weed		ent	S				management in				
				ent									
		Infestation							Soy bean				
Kawardha	171 'C	T 11.0	Assessment	37 1 1	Kundru	Rainfed			A				
	Kharif,	Lower yield of		Varietal	Seed	upland	04	04	Assessment of				
	2012	existing		Evaluatio					new release				
		varieties		n					variety of Ivy				
									Gourd (Indira				
									Kundru -35)				
Kawardha		Improper,			Gram,	Irrigated	1		Assessment of				
ixawaiuiia	Rabi ,	untimely and		Integrated	bioagent	upland	04	04	NPV for control or				
	2012-13	defective	Assessment	Pest	bloagent	артана	04	04	gram pod borer				
			Assessment	Managem					grain pou borer				
		method of		ent									
		insecticides											
		application											
Kawardha		Low wield deep	Assessment	Weed	Wheat,	Irrigated			Assessment of				
		Low yield due		Managem	Herbicide	midland	04	04	Super				
	Rabi ,	to heavy		ent	S				pendimathalin				
	2012-13	infestation of							37.8 C.S.for				
	2012-13	weeds			1				chemical weed				
									control in wheat				
									crop				

#### 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)				
		(TD		FP (T <sub>1</sub> )	RP (T <sub>2</sub> )		FP (T <sub>1</sub> )	RP (T <sub>2</sub> )		FP (T <sub>1</sub> )	RP(T <sub>2</sub> )		FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	
Kawardha															
Kawardha								·			•				

## **3. Frontline Demonstrations**

#### 3.1. Follow-up for results of FLDs implemented during previous years (upto 2011-12)

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

	Crop/			Details of popularization	Horizontal	spread of tech	nology
KVK Name	Enterprise	Thematic Area	Technology demonstrated	methods suggested to the	No. of	No. of	Area in
				Extension system	villages	farmers	ha
Kawardha	Niger (JNC-6)	Varietal	High Yielding Variety	Visit of other farmers in the	4	68	136
		Evaluation		Demonstration plots, Discussion			
				with other farmers, Distribution of			
				literatures.			
Kawardha	Gram	Varietal	High Yielding Variety, seed	Visit of other farmers in the	17	159	465
	(Vaibhav)	Evaluation	treatment	Demonstration plots, Discussion with			
				other farmers, Distribution of			
				literatures.			
Kawardha	Linseed	Varietal	High Yielding Variety	Visit of other farmers in the	7	78	223
	(Kartik)	Evaluation		Demonstration plots, Discussion with			
				other farmers, Distribution of			
				literatures.			
Kawardha	Soybean (JS 93-	Varietal	High Yielding Variety, seed	Visit of other farmers in the	223	323	1289
	05)	Evaluation	treatment	Demonstration plots, Discussion with			

				other farmers, Distribution of literatures.			
Kawardha	Red Gram (Rajiv Lochan)	Varietal Evaluation	High Yielding Variety, seed treatment	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	14	141	412
Kawardha	Gram (JG-74)	Varietal Evaluation	High Yielding Variety, seed treatment	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	18	179	562
Kawardha	Linseed (Kartik)	Varietal Evaluation	High Yielding Variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	9	101	135
Kawardha	Soy bean( N:P:K 20:60:20 Kg/ha)	Integrated Nutrient Management	Balanced use of fertilizers, Treatment with fungicide & Rhizobium culture in soy bean	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	3	24	108
Kawardha	Red Gram (Asha)	Varietal Evaluation	Improved variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	5	35	152
Kawardha	Gram (Vishal)	Varietal Evaluation	Improved variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	6	39	165
Kawardha	Wheat (GW-273)	Varietal Evaluation	Improved variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	3	21	102

# 3.2 Details of FLDs to be implemented during 2012-13

		N. G.C.	G 1	<i>T</i> . 1	Crop- Area	Name of	Resul	ts (q/ha)	0/		No	No. of farmers		
KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	(ha) / Entrep - No.	Variety Entrepriz es	Demons	Check	% change	SC	ST	ОВС	Others	Total
Kawardha	Varietal Evaluation	Soybean	Kharif, 2012	Variety	5	JS 93-05								
Kawardha	Varietal Evaluation	Rice	Kharif, 2012	Variety	5	Karma Mahsuri								
Kawardha	Weed Management	Soybean	Kharif, 2012	Herbicide	5	Emajhethaper								
Kawardha	Varietal Evaluation	Gram	Rabi , 2012-13	Variety	5	Vaibhav								
Kawardha	Varietal Evaluation	Long Melon	Rabi , 2012-13	Variety	2	Punjab Long Melon								
Kawardha	Varietal Evaluation	Wheat	Rabi , 2012-13	Variety	5	GW-273								

3.3 Economic Impact of FLD

	KVK	Name of Crop/ Enterprise	Crop/ Technology	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	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check
K	Lawardha													
K	awardha													

#### 3.4 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Kawardha		Field days	6		
		Farmers Training	12		
		Media coverage	2		
		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		Feed	lback	
	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

#### **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 A	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, 2012, Village – Bhedali, Ranbeerpur	20
Kawardha	RY	Group Discussion	May, 2012, Village - Majgaon	20
Kawardha	IS	Group Discussion	May, 2012, Kawardha	15

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

Name of	Cate-	Training	Thematic	Training Title	No. of	Duration	Target for				Partic	cipants			
KVK	gory	Type	area		Courses	(Days)	No. of	Ge	eneral		SC		ST	Ot	hers
							participants	M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
Kawardha	i FW	OFC	CRP	Weed Management	1	1									
Kawardha	i FW	OFC	CRP	Crop Diversification	1	1									
Kawardha	ı FW	OFC	CRP	Water management	1	1									
Kawardha	ı FW	OFC	CRP	Nursery Management	1	1									
Kawardha	ı FW	OFC	CRP	Seed Production	1	1									
Kawardha	ı FW	OFC	CRP	Integrated crop management	1	1									
Kawardha	i FW	OFC	CRP	Production of organic inputs	1	1									
Kawardha	ı FW	OFC	CRP	Cropping Systems	1	1									
Kawardha	FW	OFC	CRP	Production Technique of Hybrid rice	1	1									
Kawardha	FW	OFC	HOV	Management of vegetable nursery	1	1									
Kawardha	i FW	OFC	HOV	Off-season vegetables	1	1									
Kawardha	FW	OFC	HOV	Protective cultivation (Green Houses, Shade Net etc.)	1	1									

Name of	Cate-	Training	Thematic	Training Title	No. of	Duration	Target for				Parti	icipants			
KVK	gory	Type	area		Courses	(Days)	No. of participants		eneral		SC		ST		hers
							participants	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	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	HOP	Production and Management technology	1	1									
Kawardha	FW	OFC	НОТ	Processing and value addition	1	1									
Kawardha	FW	OFC	SFM	Soil fertility management	1	1									
Kawardha	FW	OFC	SFM	Soil and Water Conservation	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	Management of Problematic soils	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							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									

Name of	Cate-	Training	Thematic	Training Title	No. of	Duration	Target for				Parti	cipants			
KVK	gory	Type	area		Courses	(Days)	No. of	G	eneral		SC		ST	Ot	hers
							participants	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	Use of Pesticticides	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	Insect Pest of Pulse Crops	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	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	CBD	Leadership development	1	1									
Kawardha	FW	OFC	CBD	Group dynamics	1	1				1					
Kawardha	RY	ONC	RYH	Mushroom Production	1	1								1	
Kawardha	RY	ONC	RYH	Seed production	1	1									
Kawardha	RY	ONC	RYH	Production of organic inputs	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									

Name of	Cate-	Training	Thematic	Training Title	No. of	Duration	Target for				Partic	ipants			
KVK	gory	Type	area		Courses	(Days)	No. of	Ge	neral		SC		ST	Ot:	hers
							participants	M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14		
Kawardha	IS	ONC	CRP	Cultivation practices of major Rabi crops	1	2									
Kawardha	IS	ONC	PLP	Protection of Kharif crops from insects and diseases	1	1									
Kawardha															

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

		Crop /	Identified Thrust	Duration of	Numbe	er of Ben	eficiari	es		
Name of KVK	Training title	Enterprise	Area		,	SC		ST		Others
Varrandha		Enterprise	Alta	training (days)	M	F	M	F	M	F
Kawardha	Mushroom Production Technology	Mushroom	Income Generation	3						
Kawardha	Testing of soil using Soil Testing Kit	Enterprise	Income Generation	3						
Kawardha			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	Selfemployed after training	ıg		N
		Type of units	Number of units	Number of persons employed	Number of persons employed else where
Kawardha					
Kawardha					

#### Table 5.5. Sponsored Training Programmes

			Thematicarea (as	Sub-theme	Client	Dura-		No.	of Par	ticipa	nts				
	Name of KVK	Title	given in	(as per	(FW/	tion	No. of	Oth	iers	5	SC		ST	Sponsoring	Fund received for
Kawardha	nuc	abbre viation table)	column no 5 of Table T1)	RY/ IS)	(days)	courses	M	F	M	F	M	F	Agency	training (Rs.)	
	Kawardha	Duin Imigation In		Micro											
		Drip Irrigation In	HOF	Irrigation	FW	2	2							DDA/ATMA	
		Horticultural crops		System											
ſ	Kawardha	Mushroom Production	RYH	Mushroom	FW	2	2							DDA/ATMA	
		Technology	КІП	Production	L AA	2	2							DDA/AT MA	

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

		The maticarea (as	Sub-theme	Client	Dura-		No.	of Par	ticipa	nts				
Name of KVK	Title	given in	(as per	(FW/	tion	No. of	Oth	ers		SC		ST	Sponsoring	Fund received for
Name of KVK	nuc	abbraviation table)	column no 5 of Table T1)	RY/ IS)	(days)	courses	M	F	M	F	M	F	Agency	training (Rs.)
Kawardha														

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

_	Tuble 5.7 I	valuation to one w	up et miq	act of the	Cumming	Program	inics condi	acted by the	3 11 V 11 (u1	types of trainings)
		Title of the training	No. of	Change in	knowledge	Change in P	roduction	Change in Inco	ome (Rs)	Impact on
			trainees	(Score)		(q/ha)				Area expanded (ha)
	Name of KVK			Before	After	Before	After	Before	After	2. No. of farmers adopted (no.)
										3. % change in knowledge, production &
										Income
	Kawardha		50	20	75	31.00	52.00	40000.00	58000.00	1.253 ha
		Nursery Raising								2 89
		Nuisery Kaising								2 69
										3. 50,65, 67
	Kawardha	Integrated Pest								1.1005ha
		integrated rest	50	65	83	28.86	41.50	26500.00	37500.00	2.412
		Management	30	0.5	0.5	20.00	11.50	20300.00	37300.00	2 412
		-								3. 70,55, 45

# **6. EXTENSION ACTIVITIES**

Name of the				ities Farmers SC/ST (Farme							Remarks	
KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)			SC/ST	Farmers)	Exter Offic	nsion rials	Purpose	Topic s	Crop
		(Targeteu)	(Actific veu)	M	F	M	F	M	F	1 -	-	Stages
Kawardha	Field Day	06										
Kawardha	Kisan Mela	01										
Kawardha	Kisan Ghosthi	04										
Kawardha	Exhibition	02										
Kawardha	Film Show	08										
Kawardha	Method Demonstrations	04										
Kawardha	Farmers Seminar	02										
Kawardha	Workshop	02										
Kawardha	Group meetings	05										
Kawardha	Lectures delivered as resource persons	15										
Kawardha	Newspaper coverage	25										
Kawardha	Radio talks	04										
Kawardha	TV talks	02										
Kawardha	Popular Articles	10										
Kawardha	Extension Literature	10								_		

Name of the		<b>.</b>	N. 0	Detail	of Partic	cipants					Remarks	
KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Farmer (Other		SC/ST(	Farmers)	Exter Offic		Purpose	Topic s	Crop
		` 0 /	,	M	F	M	F	M	F			Stages
Kawardha	Farm Advisory Services	05										
Kawardha	Scientific visit to farmers field	20										
Kawardha	Farmers Visit to KVK	25										
Kawardha	Diagnostic Visits	04										
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	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								
Kawardha	Pulses	Soybean	JS 93-05	Seed				
Kawardha		Black Gram	TU 94-2	Seed				
Kawardha		Gram	Vaibhav	Seed				

#### 7.2 Planting Material production: - Not Applicable

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

#### 7.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.,) Not Applicable

KVK Name	Name of the Product	Qty	Amount (Rs.)	Remarks

		Cost of inputs	Gross income	
	BIOAGENTS			
	BIO FERTILIZERS			
	BIO PESTICIDES			

#### 7.4 Livestock and fisheries production— Not Applicable

	Name	Details of production			Amount (Rs.)			
KVK Name	of the animal / bird / aquatics	Breed	Type of Produce	Qty.	Cost of inputs	Gross income	Remarks	
	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	Туре	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/RY/EF)	No. of	No. of Participants including SC/ST		No. of S C/S TParticipants			
					Courses	Male	Female	Total	Male	Female	Total
I											

#### 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	27 May, 2012		
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	995
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	Number of copies
				copies to be	to be distributed
				printed	
Research Paper		Туре	Title	Author's	Number of copies
				name	
Technical bulletins	6				
Technical reports	1				
Popular article	6				
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)	sent?(ZPD/DES/any

#### 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.	Name of kvk	Name of Farm Innovator	Name of the Innovation	Address of the farmer with
No.				Mobile No.
1	Kawardha	Shri Santosh Kumar	Sugarcane Bud Chipper,	Village- Daujari, Block-
		Chandrawanshi	Mini Power Sprayer	Kawardha, 9752524972
2	Kawardha	Shri Bharat Lal Verma	Herbal Insectide	Village- Naudih, Block-
				Kawardha, 7898978746
3	Kawardha	Shri Punniram Bhatt	Vegetable Production with	Village- Barbaspur, Block-
			Drip System	Kawardha, 9827891936
4	Kawardha	Shri Shiv Kumar	Vegetable Production	Village- Koko, Block-
		Chandrawanshi		Kawardha, 9303281467

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

Sr.	Date and month of interaction programme with	No. of progressive farmers
No.	progressive farmers	to be participated (in each
		interaction)
	15.04.2012, 16.05.2012, 30.05.2012, 05.06.2012,	10
	28.06.2012, 07.07.2012, 23.07.2012, 14.08.2012	

#### 19. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
Name of KVK	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 Pu	ulses/Programme on 1	Harnessing Pulses/	Quality Protein
Maize, if applicable.				

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

# 21. KVK Ring

Sr.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences
No.			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	l Date of Lecture o	delivered from I	KVK Hub	No of lectors organized by KVK	Brief	
Nume of AVI	Date	No of Staff attended	No of call received from Hub	No of Call mate to Hub by KVK		achievements	Remarks

#### 26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of	Number of	Related crop/livestock technology
		Activities	<b>Participants</b>	
	Gosthies	2		
	Lectures organized	5		
	Exhibition	2		
	Film show	8		
	Fair	0		
	Farm Visit	5		
	Diagnostic Practical's	0		
	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.	Name of KVK	Crops	Area (ha)	Number of beneficiaries
No.		_		
		Oilseeds		
		Pulses		
		Cereals		
		Vegetable crops		
		Tuber crops		
		Fruits		
		Spices		
		Cotton		
		Total		

Farmers-scientists interaction on livestock management

Sl.	Name of KVK	Livestock components	Number of	No.of participants			
No.			interactions				
		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 d	Irought hit states						
Name of KVK		Crops		Quantity (qtl)	(	Coverage of	Number of
THERE OF IT, II		Сторы		Quantity (4)		rea (ha)	farmers
						200 (220)	
-							
	<u> </u>			1	I		1
Seedlings and Sapling			<del>_</del>				
Name of KVK	Cı	rops	Q	uantity (No.s)		ge of are a	Number of
		~ w			(ha)		farme rs
		Seedling	ţs				1
<b>Bio-control Agents</b>							
Name of KVK		Bio-control Agents		Quantity (q)	Cove	rage of	No. of
1 (44444)		210 0011120111201110		Quantity (q)		a (ha)	farmers
						,	
Bio-Fertilizer							
Name of KVK	Bio-Fertilizer	Quantity (kg)	Coverage of	Area (ha)		No. o	f farme rs
Verms Produced							
Name of KVK	Verms Produced	Quantity (q)		verage of		No. of F	armers
			A	rea (ha)			

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 day		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			1		1				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			
Name of Activity	Farmers	Farm Women	Official	Total

II.	l-	

3. Proposed Training Activities in NICRA Village

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

4. Proposed Activities for Fodder Bank

Established (Years)	Capacity	Current Status

5. Proposed Activities for Seed Bank

Established (Years)	Capacity	Current Status

6. Public Representative/District Administration Visited in NICRA Village

	• • • • • • • • • • • • • • • • • • •	•	
Name of Representative/Officer		Designation	Date of Visit

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

#### 30. Status of Revolving Funds (Rs.)

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