

# FORMAT 1- GENERAL, OFT, FLDS

## IMPORTANT INSTRUCTION

1. Do not modify/add/delete the column of the tables. If you want to give additional information, please attached with separate sheet as annexure.
2. Do not modify/delete the text written on grey colored background columns in tables otherwise information of your KVK will not be accepted by the database of our Directorate. You can add your data on blank row or insert the new row below where you have to insert the information.
3. 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.
4. Column No. 1 is reserved for name of the KVK (District name). Write your KVK name in every row (do not leave blank the column No. 1 for any of the row).

## PROFORMA FOR ANNUAL REPORT

**REPORTING PERIOD – OCTOBER 2008 to SEPTEMBER 2009**

**Details of Adopted village during the reporting period (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	Nil					

**THRUST AREA IDENTIFIED BY KVKs (Approved by competent Authority in meetings/workshop)**

KVK Name	THRUST AREA
Kawardha	Crop diversification in upland soils, varietal replacement in various crops, balanced use of fertilizers, combined use of inorganic and organic sources of nutrients, weed, insect-pest and disease management in critical crops and at critical growth stages, adoption of soil and water conservation measures, increasing the nutritional status of farm-women

**PROBLEM IDENTIFIED BY KVKs (Approved by competent Authority in meetings/workshop)**

KVK Name	Problems identified
Kawardha	Non-availability of quality seeds of suitable crops and lack of irrigation facilities
	Lack of awareness of improved agricultural technologies
	Lack of suitable agricultural implements for seeding of oilseeds and pulses
	Non-awareness regarding effective control of various pests (insects, diseases and weeds)
	Lack of agro processing units

## REPORTING PERIOD – KHARIF 2008 and RABI 2008-09

### 1. Summary of TECHNICAL ACHIEVEMENTS

**Table 1.1:** Details of target and achievements of mandatory activities by KVK 2009-10 (Season based activity like OFT, FLD, Seed – Reporting period is Kharif 2008 and Rabi 2008-09; for training and others – Reporting Period from October, 2008 to September, 2009)

KVK Name	Activity	Target		Achievement	
		Number of activity taken	Number of farmers/ beneficiaries	Number of activity	Number of farmers/ beneficiaries
	<b>OFTs</b>	3	-	1	4
	<b>FLDs – Oilseeds (activity in ha)</b>	2		2	19
	<b>FLDs – Pulses(activity in ha)</b>	1		1	12
	<b>FLDs - Cotton(activity in ha)</b>	-	-	-	-
	<b>FLDs – Other than Oilseed and pulse(activity in ha/ unit if taken in Enterprise)</b>	-	-	-	-
	<b>Trainings</b> (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit; Number of activity is number of training)				
	1. Training-Farmers and farm women	46	925	30	547
	2. Training-Rural youths	2	35	1	25
	3. Training- Extension functionaries	12	245	1	23
	<b>Extension Activities</b>	-	-	1	mass
	<b>Seed Production (Number of activity is as seeds in quintal)</b>	3	175	3	111
	<b>Planting material ((Number of activity is as number of planting material)</b>	-	-	-	-

**Table 1.2: Abstract of interventions undertaken**

KVK name	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
Kawardha	Crop diversification	Niger	Less area and low yield of Niger		FLD on Niger (JNC-6)	Improved production technology Niger		field visit	seed
Kawardha	Varietal replacement of	Gram	Low yield of gram		FLD on gram (Vaibhav)	Improved production technology of gram		field day Krishak Gosthi	Seed, culture
Kawardha	Crop diversification	Linseed	Low area and yield of Linseed		FLD on linseed (Kartik)	Improved production technology Linseed			seed
Kawardha	Management of insect - pest	Gram	Low yield due to attack of gram pod borer	Assessment of IPM in management of insects in gram		management of insect- pest in gram	Integrated pest management in gram	field visit	Seed , insecticide

## 2. OFT (conducted in Kharif 2008 and Rabi 2008-09)

### 2.1 Basic information of the Technology taken by the KVK

KVK name	Year	Season	Category of technology (Assessment/ Refinement)	Title of OFT	OFT ID No* (to be create by the KVK)	Crop/Enterprise	No of trails		Area (ha)		Thematic area code
							Targeted	Achieved	Targeted	Achieved	
Kaw ardha	2008	Rabi	Chemical control/cultural crop	Assessment of IPM in management of insects in gram	0809201	gram	4	4	1.6	1.6	20

\* **Guideline for creation of OFT ID No is given in Annexure (in the last of this file)**

<b>Thematic areas for crops</b>	<b>Thematic</b>	<b>Thematic areas for livestock/enterprises</b>	<b>Thematic</b>
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	Area code for entry		Area code for entry
Varietal Evaluation	10	Evaluation of Breeds	51
Seed / Plant production	11	Nutrition Management	52
Weed Management	12	Disease of Management	53
Integrated Crop Management	13	Value Addition	54
Integrated Nutrient Management	14	Production and Management	55
Integrated Farming System	15	Feed and Fodder	56
Mushroom cultivation	16	Small Scale income generating enterprises	57
Drudgery reduction	17		
Farm machineries	18		
Value addition	19		
Integrated Pest Management	20		
Integrated Disease Management	21		
Resource conservation technology	22		
Small Scale income generating enterprises	23		

## 2.2 Details of Problems taken as OFT by the KVK

KVK name	Problem diagnose/defined	OFT ID No	Crop	Farmers' practice	Farming situation				Total Area (in ha ) where crop affected by the problem taken in the OFT	Name of the block(s) under KVK where the problem occurs
					Soil type	Irrigation	Type of Cultivation (Low land/ Mid land/ Up land	Cropping system		
Kawardha	Heavy crop loss due to insect infestation/indiscriminate use of pesticides	0809201	Gram/Vai bhav	indiscriminate use of pesticides	Vertisols	rainfed	upland	Soybean-gram	13260	All four blocks of Kawardha Distt.

## 2.3 Details of solution taken for technology assessment/refinement by the KVK

KVK Name	OFT ID No	Details of technology selected	Source of technology	If refinement in the technology, give details of refinement over recommended practices
Kawardha	0809201	Use of bird perches, use of pheromone traps, use of insecticide methomyl @ 3 ml/litre of water	IGKV, Raipur, 2006	NA

## 2.4 Performance of the technology for assessment/refinement

KVK Name	OFT ID No	Parameter name	Unit of measurement for parameter	Observations taken (only numerical figures)	
				Recommended practice	Farmer's Practice
Kawardha	0809201	Pod damaged, Yield	Percentage, q/ha	9.50 % , Yld : 12.52 q/ha	15.50 % , Yld : 10.42 q/ha

## 2.5 Farmer-wise performance of the technology for assessment/refinement

KVK Name	OFT ID No	Farmers' name	Parameter name	Unit of measurement for parameter	Observations taken (only numerical figures)	
					Recommended practice	Farmer's Practice
Kawardha	0809201	Sh. Sanjay Verma	Pod damaged, Yield	Percentage, q/ha	9.50 % , Yld : 12.52 q/ha	15.50 % , Yld : 10.42 q/ha
Kawardha	0809201	Sh. Jagannath Verma			-	-
Kawardha	0809201	Sh. Rohit/ Verma			-	-
Kawardha	0809201	Sh. Sahdev Verma			-	-

## 2.6 Recommendations/message form assessed/refined technology

KVK Name	OFT ID No	Final recommendation for micro level situation	Constraints identified and feedback for research	Process of farmers participation and their reaction	Process for sensitization of the line departments for replacement of the technology		
					Workshop/ meetings	Visits	Publications
Kawardha	0809201	Popularization of technology through demonstration/ training and other extension activities	Pheromone trap is not available everywhere, farmers were influenced by the technology and shown their interest for adopting the technique	Training, demonstration and field visit		4	

## 2.7 Economic Impact of the technologies assessed/refined

KVK Name	OFT ID No	Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
		Farmers' practice	Recommended (farmers' practice + technology cost)	Farmers' practices	Recommended practice	Farmers' practices	Recommended practice	
Kawardha	0809201	9000	11000	20840	25040	11840.00	14040.00	2.28

\*Field crops – kg/ha, \* for horticultural crops = kg/t/ha, \* milk and meat – litres or kg/animal, \* for mushroom and vermi compost kg/unit area.

## 3 Achievements of Frontline Demonstrations (conducted during 1-04-2008 to 31-03-2009)

### 3.1. Follow-up for results of FLDs implemented during previous years. NA

List of technologies demonstrated during previous year and popularized during 2008-09 and recommended for large scale adoption in the district

KVK Name	Crop/Enterprise	Thematic Area Code	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha

### 3.2 Details of FLDs implemented during 2008-09 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

KVK Name	Crop	Thematic area code	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
Kawardha	Niger/JNC-6	10	Seed treatment, Line sowing, Balance use of fertilizer & Plant protection	Kharif & 2008	5.0	2.5	7	0	7	Non-availability of seeds
Kawardha	Gram/Vaibhav	10	Line sowing, seed treatment, treatment with culture & balanced used of fertilizer & plant protection measures	Rabi & 2008	5.0	5.0	0	12	12	NA
Kawardha	Linseed/Kartik	10	Recommended package of practice	Rabi & 2008	5.0	5.0	6	6	12	NA

#### Details of farming situation

KVK Name	Crop	Season	Farming situation (Rainfed - RF/Irrigated - IR)	Soil type	Status of soil (kg/ha)			Previous crops	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
					N	P	K					
Kawardha	Niger	Kharif -2008	Upland Rainfed	Inceptisols	L	L	L	Kodo	20/08/08	03/12/08	661.7	-
Kawardha	Gram	Rabi & 2008	Irrigated	Vertisols	L	M	H	Soybean/Rice	05/12/08	13/03/09	Nil	Nil
Kawardha	Linseed	Rabi & 2008	Rainfed	Vertisols	L	M	H	Rice/Soybean	25/10/08	18/03/09	Nil	Nil

#### Performance of FLD

KVK Name	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
Kawardha	Niger	Improved Variety	JNC-6	07	2.5	4.78	3.85	4.3	3.0	25.2	Plant Height – 102 cm	90 cm
Kawardha	Gram	Improved Variety	Vaibhav	12	5.0	11.85	9.25	10.50	8.0	9.4	No. of pods/plant - 42	30
Kawardha	Linseed	Improved Variety	Kartik	12	5.0	10	8.75	9.41	7.5	20.3	No. of capsules/ Plant - 63	50

**NB: Attach few good action photographs with title at the back with pencil**

**Economic Impact (continuation of previous table)**

KVK Name	Crop	Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
		Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
		14	15	16	17	18	19	20
Kawardha	Niger	2540	2000	8600	6000	6060	4000	3.38 :1
Kawardha	Gram	9320	8150	21000	16000	11680	7850	1.25 :1
Kawardha	Linseed	8745	6730	23525	18750	14780	12020	2.69 :1

Analytical Review of component demonstrations (details of each component for rainfed / irrigated situations to be given separately for each season).

KVK Name	Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
Kawardha	Niger	Kharif 2008	Seed/Variety	Upland Rainfed	4.3	3.0	25.2
Kawardha	Gram	Rabi 2008	Seed/Variety	Irrigated	10.50	8.0	9.4
Kawardha	Linseed	Rabi 2008	Seed/Variety	Rainfed	9.41	7.5	20.3



### Technical Feedback on the demonstrated technologies

KVK Name	Crop	Demonstrated Technology	Sl. No.	Feed Back
Kawardha	Niger	Seed/Variety		Good as compared to prevailing varieties
Kawardha	Gram	Seed/Variety		Yield-wise at par with prevailing varieties
Kawardha	Linseed	Seed/Variety		Better as compared to prevailing varieties

### Farmers' reactions on specific technologies

KVK Name	Crop	Demonstrated Technology	Farmers' Name	Village	Block Name	Feed Back
Kawardha	Niger	Seed/Variety	Sh. Panchuram Dhruv	Ranidahra	Bodla	Farmers appreciated the improved variety and gave suggestion that the variety should be popularized among other farmers as
Kawardha	Niger	Seed/Variety	Sh. Chamru Dhruv	Ranidahra	Bodla	
Kawardha	Niger	Seed/Variety	Sh. Naval Singh Dhruv	Ranidahra	Bodla	
Kawardha	Niger	Seed/Variety	Sh. Sunau Dhruv	Ranidahra	Bodla	
Kawardha	Niger	Seed/Variety	Sh. Fool Singh Dhruv	Ranidahra	Bodla	
Kawardha	Niger	Seed/Variety	Sh. Kashiram	Ranidahra	Bodla	
Kawardha	Niger	Seed/Variety	Sh. Toksingh	Ranidahra	Bodla	
Kawardha	Gram	Seed/Variety	Sh. Punaram Verma	Navdih	Kawardha	Farmers appreciated the improved variety with full package of practices demonstrated under FLD programme but said that there is not much difference in yield among prevailing varieties
Kawardha	Gram	Seed/Variety	Sh. Jagannath Verma	Navdih	Kawardha	
Kawardha	Gram	Seed/Variety	Sh. Muktanand Verma	Navdih	Kawardha	
Kawardha	Gram	Seed/Variety	Sh. Thakurram Verma	Navdih	Kawardha	
Kawardha	Gram	Seed/Variety	Sh. Balram Yadav	Navdih	Kawardha	
Kawardha	Gram	Seed/Variety	Sh. Lakhan Verma	Navdih	Kawardha	
Kawardha	Gram	Seed/Variety	Sh. Murari Yadav	Navdih	Kawardha	
Kawardha	Gram	Seed/Variety	Sh. Dilip Verma	Navdih	Kawardha	
Kawardha	Gram	Seed/Variety	Sh. Yugal Kisdhor Verma	Navdih	Kawardha	
Kawardha	Gram	Seed/Variety	Sh. Sanjay Verma	Navdih	Kawardha	
Kawardha	Gram	Seed/Variety	Sh. BharatLAL Verma	Navdih	Kawardha	
Kawardha	Gram	Seed/Variety	Sh. Balram Verma	Navdih	Kawardha	
Kawardha	Linseed	Seed/Variety	Sh. Pritam Das	Palak	Bodla	Farmers appreciated the improved variety with full package of practices demonstrated under FLD programme and said that area can be increased if seed is made available

Kawardha	Linseed	Seed/Variety	Sh Balwan	Palak	Bodla	
Kawardha	Linseed	Seed/Variety	Sh Dayaram Gond	Palak	Bodla	
Kawardha	Linseed	Seed/Variety	Sh Shiv Kumar Gond	Palak	Bodla	
Kawardha	Linseed	Seed/Variety	Sh Ram Lal Gond	Palak	Bodla	
Kawardha	Linseed	Seed/Variety	Sh Sukhdev Gond	Palak	Bodla	
Kawardha	Linseed	Seed/Variety	Sh Bhagwat Das	Katangikala	Bodla	
Kawardha	Linseed	Seed/Variety	Sh Aaju Ram Gond	Katangikala	Bodla	
Kawardha	Linseed	Seed/Variety	Sh Binda Bai	Katangikala	Bodla	
Kawardha	Linseed	Seed/Variety	Sh Ganesh Gond	Katangikala	Bodla	
Kawardha	Linseed	Seed/Variety	Sh Suresh Dhruv	Katangikala	Bodla	
Kawardha	Linseed	Seed/Variety	Sh Ramesh Dhruv	Katangikala	Bodla	

### Extension and Training activities under FLD

KVK Name	Crop*	Activity	No. of activities organised	Date	Number of participants	Remarks
Kawardha	Niger	Field Days	-			-
	Niger	Farmers Training	1	19/08/2008	24	-
	Niger	Media coverage		-	-	-
	Niger	Training for extension functionaries	-	--		
Kawardha	Gram	Field days	-			-
		Farmers Training	1	04/12/2008	21	-
		Media coverage	01	-	-	-
		Training for extension functionaries	-	--		-
Kawardha	Linseed	Field days	-	-	-	-
		Farmers Training	1	23/10/2008	19	-
		Media coverage	01	-	-	-
		Training for extension functionaries	-	--		

\*Activity (Column No 3) must be repeated for each crop

### 3.3 Details of FLD on Enterprises

#### (i) Farm Implements -NA

KVK Name	Name of the implement	crop	No. of farmers	Area (ha)	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
						Demon.	Local check		

\* Field efficiency, labour saving etc.

**(ii) Livestock Enterprises-NA**

KVK Name	Enterprise	Breed	No. of farmers	No. of animals, poultry birds etc.	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
						Demon.	Local check		

\* Milk production, meat production, egg production, reduction in disease incidence etc.

**(iii) Other Enterprises-NA**

KVK Name	Enterprise	Variety/ breed/ Species/others	No. of farmers	No. of Units	Performance parameters / indicators	Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
						Demon.	Local check		
	Mushroom								
	Apiary								
	Sericulture								
	Vermi compost								

**ANNEXURE****GENERATION OF OFT IDENTIFICATION NUMBER (ID No)**

Year				Season	SI no (as per decision by Programme Coordinator)	
0	6	0	7	1	0	1
0	6	0	7	2	1	0

**Important**

- YELLOW COLORED COLOUMN** – Four digits for financial year. i.e. for financial year 2009-10 use **0910** for yellow colored column
- GREEN COLORED COLOUMN** - for season of conducting OFT (use 1 for Kharif; 2 for Rabi and; 3 for Summer)
- ORANGE COLORED COLOUMN** – Serial number for OFT (you can take any serial number from 01 to 99, for 1 to 9 use 01 to 09 in place of 1 to 9) and all the OFT Planned by your KVK must have different serial number.
- As per above specimen table, the ID No of OFT is **–0607101**
- Use your KVK code as per the table mentioned above
- Generate the ID Nos of all the OFT you have planned/conducted during Reporting Period and Use the same in the FORMAT 1.**

# FORMAT 1- GENERAL, OFT & FLDS

## REPORTING PERIOD – 1<sup>st</sup> October, 2009 to 31<sup>st</sup> March, 2010

### Summary of achievements during the reporting period

KVK Name	Activity	Target		Achievement	
		Number of activity	Number of farmers/ beneficiaries	Number of activity	Number of farmers/ beneficiaries
kawardha	OFTs	03	08+ 200	03	12
kawardha	FLDs – Oilseeds (activity in ha)	01	07	01	07
kawardha	FLDs – Pulses (activity in ha)	01	12	01	12
kawardha	FLDs – Cotton (activity in ha)				
kawardha	FLDs – Other than Oilseed and pulse crops(activity in ha)				
kawardha	FLDs – Other than Crops (activity in no. of Unit/Enterprise)				
kawardha	Training-Farmers and farm women			32	734
kawardha	Training-Rural youths			01	32
kawardha	Training- Extension functionaries				
kawardha	Extension Activities			19	417
kawardha	Seed Production (Number of activity as seeds in quintal)	-		42	
kawardha	Planting material ((Number of activity as quantity of planting material in quintal)				
kawardha	Seedling Production (Number of activity as number of seedlings in numbers)				
kawardha	Sapling Production (Number of activity as number of sapling in numbers)				
kawardha	Other Bio- products				
kawardha	Live stock products				
kawardha	SAC Meeting (Date & no. of core/official members)				
kawardha	Newsletters (no.)	02	2000	01	1000
kawardha	Publication (Research papers, popular article)	-	-	02	215
kawardha	Convergence programmes / Sponsored programmes	-	-	01	70
kawardha	Outreach of KVK in the District (No. of blocks, no. of villages)	04	-	04	675

# 1. GENERAL INFORMATION

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

**Table : Basic information of Kabirdham District**

Sr. No.	Particulars	Quantity/Area
1.	Rainfall	947.50 mm
2.	Geographic Area	4.41 lac ha
3.	Forest Area	0.25 lac ha
4.	Net Cultivated Area	1.85 lac ha
5.	Double Cropped Area	0.73 lac ha
6.	Total Cultivated Area	2.58 lac ha
7.	<i>Kharif</i> Area	1.60 lac ha
8.	<i>Rabi</i> Area	0.98 lac ha
9.	Total Area under Crops	2.58 lac ha
10.	Cropping Intensity	140 %
11.	Non-cultivable land	0.015 lac ha
12.	Cultivable fallow land	0.027 lac ha
13.	Pasture lands	0.27 lac ha

## 1.2. DETAILS OF

reporting period (Approved by competent Authority in meetings/workshops)

**ADOPTED VILLAGE** during the

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
kawardha	Nil	-	-	-	-	-
kawardha						
kawardha						

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

KVK Name	THRUST AREA
kawardha	Crop diversification in upland soils, varietal replacement in various crops, balanced use of fertilizers, combined use of
kawardha	inorganic and organic sources of nutrients, weed, insect-pest and disease management in critical crops and at critical growth stages
kawardha	adoption of soil and water conservation measures, increasing the nutritional status of farm-women

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

KVK Name	Problem identified	Methods of problem identification
kawardha	Non-availability of quality seeds of suitable crops and lack of irrigation facilities	Through meeting
kawardha	Lack of awareness of improved agricultural technologies	
kawardha	Lack of suitable agricultural implements for seeding of oilseeds and pulses	
kawardha	Non-awareness regarding effective control of various pests (insects, diseases and weeds)	

## 2. OFT (conducted during Rabi 2009-10)

### 2.1 Basic information of the Technology taken by the KVK

KVK name	Year	Season	Category of technology (Assessment/Refinement)	OFT on crop/Enterprise	Title of OFT	OFT ID* (to be created by the KVK)	Name of Crop/Enterprise	No of trials		Area (ha)		Status of the OFT (Completed/Continued/Result awaited)
								Targeted	Achieved	Targeted	Achieved	
kawardha	2009-10	Rabi	Assessment	Crop	Assessment of information technology through <i>Kisan Mobile Sandesh</i> (KMS)	0910201	-	200	-	-	-	-
kawardha	2009-10	Rabi	Assessment	Crop	Assessment of Nursery Management Practices for Vegetable production	0910202	Tomato	04	04	0.1	0.1	Completed
kawardha	2009-10	Rabi	Assessment	Crop	Assessment of insecticide for control of Pod borer in Gram	0910203	Gram	04	04	1.6	1.6	Completed
kaward	2009-	Rabi	Assessment	Crop	Assessment of	0910304	Sweet	0	04	0	0.4	Continued

ha	10				Sweet potato varieties		potato					
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\* KVK+Year+Season+Discipline & Code

## 2.2 Details of Problems taken as OFT by the KVK

KVK name	OFT ID	Problem diagnose	Thematic area	Farmers' practice (T <sub>1</sub> )	Farming situation				Total Area of the district (in ha) affected by the problem	Name of the block(s) under KVK where the problem occurs
					Soil type	Irrigation	Type of Cultivation (Low land/ Mid land/ Up land)	Cropping system		
kawardha	0910201	Low efficiency of existing rural information delivery system	ICT based alternate rural information delivery system through KMS	-	-	-	-	-	-	All four blocks of Kawardha Distt.
kawardha	0910202	Seedlings are severely affected by insect and disease due to improper management of Nursery leading to low yield of vegetables	Nursery Management	No use of seed treatment and high yielding variety	Vertisols	Irrigated	Mid	Vegetable based	506	All four blocks of Kawardha Distt.
kawardha	0910203	Indiscriminate use of pesticide in pod borer	Crop production and Plant protection	indiscriminate use of pesticides	Vertisols	rainfed	upland	Soybean-gram	13260	All four blocks of Kawardha Distt.
kawardha	0910304	Low yield and heavy infestation of insect, disease	Varietal evaluation	Use of local low yield variety	Vertisols	Irrigated	Mid	Vegetable based		Kawardha and Sahaspur Lohara

## 2.3 Details of solution taken for technology assessment/refinement by the KVK

KVK Name	OFT ID No	Details of technology selected (T <sub>2</sub> )	Source of technology	Year of release of technology	If refinement in the technology, give details of refinement over recommended practices (T <sub>3</sub> )
kawardha	0910201	ICT based alternate rural information delivery system through KMS	JNKVV	(2007)	-
kawardha	0910202	Use of Nursery Management Package consisting of Raised bed preparation with compost. Seed treatment with <i>Trichoderma viride</i> @ 5 gm /kg of seed and nursery bed 1 kg / 100 sqm. Use of Hazara for irrigation. Use of herbicide Pendimethilene @ 100ml/0.1ha. Use of nylon net for prevention of insect pest. Use of Imidochloprid @ 0.5ml/l of water+ Ridomil before transplanting	ICAR	(2001)	-
kawardha	0910203	Use of neem oil @ 10 ml/liter of water + Quinolphos @ 1.5 ml/liter of water at flowering stage	IGKV,	(2004)	-
kawardha	0910304	Use of four variety viz Indira Naveen , Indira Nandini, Indira Madhur and Sree Ratna	IGKV	(2006,07)	-

## 2.4 Performance of the technology for assessment/refinement

### A. Production

KVK Name	OFT ID	Main Products				Bye- Product			
		Unit of measurement	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	Unit of measurement	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )
kawardha	0910201	-	-	-	-	-	-	-	-
kawardha	0910202	Percentage	-	-	-	Percentage	-	-	-
kawardha	0910203	q/ha	12	17	-	q/ha	3.6	5.3	-
kawardha	0910304	q/ha	-	-	-	q/ha	-	-	-

### B. Parameters

KVK Name	OFT ID	Observations taken on parameter I					Observations taken on parameter II				
		Parameter name	Unit of measurement	Farmer's Practice	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any	Parameter name	Unit of measurement	Farmer's Practice	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any



				(T <sub>1</sub> )		(T <sub>3</sub> )			(T <sub>1</sub> )		(T <sub>3</sub> )
kawardha	0910201										
kawardha	0910202	No. of affected seedlings /m <sup>2</sup>	Percentage	32	5	-					
kawardha	0910203	No. of pods damaged,	Percentage,	23	8						
kawardha	0910304	Weight of tuber	grams	-	-	-					

### C. Economic Performance

KVK name	OFT ID	Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	Farmer's Practice (T <sub>1</sub> )	Recommended Practice (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )
kawardha	0910201	-	-	-	-	-	-	-	-	-	-	-	-
kawardha	0910202	-	-	-	-	-	-	-	-	-	-	-	-
kawardha	0910203	8368	9624	-	21600	30600	-	13232	20976	-	1.58	2.18	-
kawardha	0910304	-	-	-	-	-	-	-	-	-	-	-	-

### 2.5 Recommendations/message form assessed/refined technology

KVK Name	OFT ID No	Final recommendation for micro level situation	Constraints identified and feedback for research	Process of farmers participation and their reaction	Farmers feed back	Process for sensitization of the line departments for replacement of the technology			
						Workshop/ meetings	Trainings	Visits	Publications
kawardha	0910201	-	-	-	-	-	-	-	-
kawardha	0910202	The technique is good for control of	Small farmers can't follow	Farmers' Training and	The technology				

		soil & seed borne disease in nursery	all the steps	Farmers' Visit	was new and should be followed by all				
<b>kawardha</b>	0910203	The technique is effective for control of pod borer in gram	rains during spraying, Resistant variety	Farmers' Training and Farmers' Visit	Farmers were satisfied with the technique that neem oil is a bio product				
<b>kawardha</b>	0910304	-	-	-	-	-	-	-	-

## 2.6 Farmer-wise performance of the technology for assessment/refinement

KVK Name	OFT ID No	Farmers' name	Main Product (kg/ha)			By-Product (kg/ha)			Observations on Other Parameter					Observations on Other Parameter				
			T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	Parameter name	Unit	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	Parameter name	Unit	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>
<b>kawardha</b>	0910201	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>kawardha</b>	0910202	Suraj Nath Jogi	-	-	-	-	-	-	No. of affected seedlings /m <sup>2</sup>	Percentage,	38	6	-	-	-	-	-	-
<b>kawardha</b>	0910202	Mahetaru Kaushik	-	-	-	-	-	-	No. of affected seedlings /m <sup>2</sup>	Percentage,	29	4	-	-	-	-	-	-
<b>kawardha</b>	0910202	Santosh Nath Yogi	-	-	-	-	-	-	No. of affected seedlings /m <sup>2</sup>	Percentage,	34	7	-	-	-	-	-	-
<b>kawardha</b>	0910202	Ghanshyam Ram	-	-	-	-	-	-	No. of affected seedlings /m <sup>2</sup>	Percentage,	27	3	-	-	-	-	-	-

<b>kawardha</b>	0910203	Ganesh Ram Chandrawanshi	1200	1600	-	330	533	-	No. of pods damaged,	Percentage,	-	-	-	-	-	-	-	-
<b>kawardha</b>	0910203	Komal Chandrawanshi	1300	1700	-	350	535	-	No. of pods damaged,	Percentage,	-	-	-	-	-	-	-	-
<b>kawardha</b>	0910203	Rajendra Chandrawanshi	1000	1800	-	310	538	-	No. of pods damaged,	Percentage,	-	-	-	-	-	-	-	-
<b>kawardha</b>	0910203	Awadh Singh Thakur	1300	1700	-	360	534	-	No. of pods damaged,	Percentage,	-	-	-	-	-	-	-	-
<b>kawardha</b>	0910304	Mahetaru Kaushik	-	-	-	-	-	-	Weight of tuber	grams	-	-	-	-	-	-	-	-
<b>kawardha</b>	0910304	Balaram Chandrawanshi	-	-	-	-	-	-	Weight of tuber	grams	-	-	-	-	-	-	-	-
<b>kawardha</b>	0910304	Naresh Kumar Chandrawanshi	-	-	-	-	-	-	Weight of tuber	grams	-	-	-	-	-	-	-	-
<b>kawardha</b>	0910304	Tirath Ram Kaushik	-	-	-	-	-	-	Weight of tuber	grams	-	-	-	-	-	-	-	-

### 3. Achievements of Frontline Demonstrations (conducted during 1-04-2009 to 31-03-2010) (On the basis of Soil Test based fertilizer application for Acceptability of your results)

#### 3.1. Follow-up for results of FLDs implemented during previous years

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
<b>Kawardha</b>	Niger	Varietal Evaluation	Demonstration of improved variety (JNC-6) of Niger	Line sowing of JNC-6 after treating with fungicide	4	28	10
<b>Kawardha</b>	Gram	Varietal Evaluation	Demonstration of improved variety (Vaibhav) of Gram	Line sowing of Vaibhav after treating with fungicide and <i>Rhizobium</i> culture	7	59	39

<b>Kawardha</b>	Linseed	Varietal Evaluation	Demonstration of improved variety (Kartk) of Linseed	Line sowing of Kartk after treating with fungicide	5	38	24
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### 3.2 Details of FLDs implemented

KVK Name	Type (Crop/Enterprise)	Name of Crop/Enterprise	Category of crops*	Category of Enterprise**	Season and year	Thematic area	Area (ha) in case of crop	No. of Units, in case of Enterprise	Size of Unit in case of Enterprise	No. of farmers				
										SC	ST	OBC	Others	Total
<b>kawardha</b>	Crop	Soybean	Oilseed		Kharif, 2009	Varietal Evaluation	05			03	-	08	-	11
<b>kawardha</b>	Crop	Arhar	Pulse		Kharif, 2009	Varietal Evaluation	05			-	02	10	01	13
<b>kawardha</b>	Crop	Gram	Pulse	-	Rabi, 2009-10	Varietal Evaluation	05	-	-	-	-	09	01	10
<b>kawardha</b>	Crop	Linseed	Oilseed	-	Rabi, 2009-10	Varietal Evaluation	05	-	-	-	--	06	01	07

\* Cereal/Oilseed/Pulse/Vegetable/Fruit/Flower/Spice/Medicinal&Aromatic/Fibre/Plantation/Fodder/

\*\* Farm Implements/ Livestock Enterprises (Dairy/Buffalo/Goatery/Poultry etc.)/Mushroom/Apiary/Sericulture/Vermi-composting/Lac production etc.

### 3.3 Details of farming situation

KVK Name	Name of Crop/Enterprise	Farming situation (Rainfed/Irrigated)	Soil type	Type of Cultivation (Low land/ Mid land/ Upland)	Cropping system	Previous crops	Status of soil (kg/ha)			Sowing Time	Harvest date	Seasonal rainfall (mm)	No. of rainy days	Status of the FLD (Completed / Continued/ Result awaited)
							N	P	K					
<b>kawardha</b>	Soybean	Irrigated	Vertisols	Mid land	Soybean-Gram	Gram	Low	Low	Medium	First week of July	I week of October			Completed
<b>kawardha</b>	Arhar	Rainfed	Vertisols	Upland	Arhar+ Soybean - Gram	Gram	Low	Low	Medium	First week of July	II Week of February			Completed

<b>kawardha</b>	Gram	Irrigated	Vertisols	Mid land	Soybean-Gram	Soybean	Low	Low	Medium	second week of November	II Week of March			Completed
<b>kawardha</b>	Linseed	Irrigated	Vertisols	Mid land	Soybean - Gram	Soybean	Low	Low	Medium	second week of November	March II & III Week			Completed

### 3.4 Details of Technology demonstrated

KV K Name	Name of Crop/ Enterprise	Problem Identified	Detail of Farmers practice (Local Check)	Name of Technology	Detail of the technology demonstrated	Source and year of technology released	Thematic Area	Name of Variety Used	Characteristic of the variety	Source of variety and year of release	Whether assessed under OFT or not
<b>kawardha</b>	Soybean	Low yield due to use of local Variety and infestation of insects	Use of old and local variety	High yielding variety	Use of high yielding variety - JS-93-05, Seed treatment with fungicide and Rhizobium culture	JNKVV (2003)	Varietal Evaluation	JS-93-05	95-100 days duration, Yield potential – 15-22 q/ha	JNKVV (2003)	No
<b>kawardha</b>	Arhar	Low yield of existing Variety	Use of old and local variety	High yielding variety	Use of high yielding variety – Rajiv Lochan, treatment with fungicide and Rhizobium culture	IGKV 2008	Varietal Evaluation	Rajiv Lochan,	Wilt disease resistant, 180-190, Yield potential – 18-20 q/ha	IGKV 2008	No
<b>kawardha</b>	Gram	Low yield due to use of local Variety and wilt disease	Use of old and local variety	High yielding variety	Use of high yielding variety of JG-74, treatment with fungicide and Rhizobium culture	JNKVV (2000)	Varietal Evaluation	JG-74	Wilt disease resistant, 110-115 days duration, Yield potential – 15-20 q/ha	JNKVV (2000)	No
<b>kawardha</b>	Linseed	Low yield of Existing	Use of old and local	High yielding	Use of high	IGKV	Varietal Evaluation	Kartik	98-104 days duration, Yield potential – 12-13 q/ha in irrigated	IGKV (2005)	No

		varieties	variety	variety	yielding variety - Kartik	(2005)	on		condition and 6-8 q/ha in unirrigated condition		
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### 3.5 Performance of FLD

#### A. Production

KVK Name	Name of Crop/Enterprise	Thematic Area	Variety	No. of Farmers	Area (ha)	Production (q/ha)			Local Check	Increase in yield (%)
						Demonstration				
						Maxi	Min	Average	10	
kawar dha	Soybean	Varietal Evaluation	JS-93-05	11	05	20..5	15.8	18.9	11.5	39.15
kawar dha	Arhar	Varietal Evaluation	Rajiv Lochan	13	05	16.6	11.4	13.2	8.94	32.27
kawar dha	Gram	Varietal Evaluation	JG -74	10	05	17.9	14.6	16.2	11.1	31.48
kawar dha	Linseed	Varietal Evaluation	Kartik	07	03	11.4	8.87	9.82	6.74	31.36

#### B. Other Parameters (continuation of previous table)

KVK Name	Name of Crop/Enterprise	Data on parameter in relation to technology demonstrated				Data on parameter in relation to technology demonstrated				Data on parameter in relation to technology demonstrated			
		Name of parameter	Unit	Demo	Local Check	Name of parameter	Unit	Demo	Local Check	Name of parameter	Unit	Demo	Local Check
		12	13	14	15	16	17	18	19	20	21	22	23
kawar dha	Soybean	No. of pods/plant	Number	36	23	-	-	-	--	-	-	-	--
kawar dha	Arhar	No. of pods/plant	Number	182	146	-	-	-	--	-	-	-	--
kawar dha	Gram	No. of pods/plant	Number	47	31	-	-	-	--	-	-	-	--
kawar dha	Linseed	No. of capsules/plant	Number	68	53	-	-	-	--	-	-	-	--

### C. Economic Impact (continuation of previous table)

KVK Name	Name of Crop/Enterprise	Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
		Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check
		24	25	26	27	28	29	30	31
kawardha	Soybean	12234	9500	37800	23000	25566	13500	3.09	2.42
kawardha	Arhar	10942	8954	52800	35760	52643	34006	4.82	3.99
kawardha	Gram	10210	8982	29160	19980	18950	11798	2.85	2.24
kawardha	Linseed	9234	8546	24550	16850	15316	8304	2.66	1.97

### 3.6 Analytical Review of component demonstrations

KVK Name	Crop	Season	Type of Demo (Full Package/Component)	Components provided by KVK	Components provided by Farmers	Farming situation	Average yield under demonstration (q/ha)	Average yield under Local check (q/ha)	Percentage increase in productivity over local check
kawardha	Soybean	Kharif, 2009	Certified Seed , Fertilizers, fungicide and culture	Certified Seed and culture	Fertilizers, fungicide	Irrigated	18.9	11.5	39.15
kawardha	Arhar	Kharif, 2009	Certified Seed , Fertilizers, fungicide and culture	Certified Seed and culture	Fertilizers, fungicide	Rainfed	13.2	8.94	32.27
kawardha	Gram	Rabi, 2009-10	Certified Seed , Fertilizers, fungicide and culture	Certified Seed and culture	Fertilizers, fungicide	Irrigated	16.2	11.1	31.48
kawardha	Linseed	Rabi, 2009-10	Certified Seed , Fertilizers, fungicide	Certified Seed and culture	Fertilizers, fungicide	Irrigated	9.82	6.74	31.36

### 3.7 Technical Feedback on the demonstrated technologies

KVK Name	Crop	Demonstrated Technology	Village	Block Name	Feed Back
kawardha	Soybean	Certified Seed	Indauri	Kawardha	Farmers were satisfied with the performance of the demonstration of the crop in terms of yield and less incidence of pest and disease and ready to adopt the components.
kawardha	Arhar	Certified Seed	Pipertola	Sahaspur	All the farmers appreciated the performance of New high yielding variety as this variety is

				Lohara	tolerant to fusarium wilt.
<b>kawardha</b>	Gram	Certified Seed	Dharampura	Kawardha	The variety is good yielder and will soon become popular in farmers.
<b>kawardha</b>	Linseed	Certified Seed	Manikpur	Bodla	The availability of Quality seed of the variety is a major problem.

### 3.8 Farmers' reactions on specific technologies

KVK Name	Crop	Demonstrated Technology	Farmers' Name	Village	Block Name	Feed Back
<b>kawardha</b>	Soybean	Improved Variety	Shri Manharan Goswami- OBC	Indauri	Kawardha	Farmers appreciated the improved variety with full package of practices demonstrated under FLD programme
<b>kawardha</b>	Soybean	Improved Variety	Shri Hajari Lodhi- OBC	Indauri	Kawardha	
<b>kawardha</b>	Soybean	Improved Variety	Khorbahra Lodhi- OBC	Indauri	Kawardha	
<b>kawardha</b>	Soybean	Improved Variety	Bherwa Lodhi- OBC	Indauri	Kawardha	
<b>kawardha</b>	Soybean	Improved Variety	Smt. Bindu Bai- OBC	Indauri	Kawardha	
<b>kawardha</b>	Soybean	Improved Variety	Amar Singh- OBC	Indauri	Kawardha	
<b>kawardha</b>	Soybean	Improved Variety	Krishna Satnami- SC	Indauri	Kawardha	
<b>kawardha</b>	Soybean	Improved Variety	Santosh Satnami- SC	Indauri	Kawardha	
<b>kawardha</b>	Soybean	Improved Variety	Lachhan Satnami- SC	Indauri	Kawardha	
<b>kawardha</b>	Soybean	Improved Variety	Malik Ram Jaiswal- OBC	Indauri	Kawardha	
<b>kawardha</b>	Soybean	Improved Variety	Suresh Chandrawanshi- OBC	Indauri	Kawardha	
<b>kawardha</b>	Arhar	Improved Variety	Rohit Kumar Sahu- OBC	Pipartola	Lohara	Farmers appreciated the improved variety with full package of practices demonstrated under FLD programme
<b>kawardha</b>	Arhar	Improved Variety	Sundar Sahu- OBC	Pipartola	Lohara	Farmers appreciated the improved variety with full package of practices demonstrated under FLD programme



<b>kawardha</b>	Arhar	Improved Variety	Smt. Lata Sahu- OBC	Pipartola	Lohara	
<b>kawardha</b>	Arhar	Improved Variety	Ishwar Sahu- OBC	Pipartola	Lohara	
<b>kawardha</b>	Arhar	Improved Variety	Naredra Shrivastava-GEN	Pipartola	Lohara	
<b>kawardha</b>	Arhar	Improved Variety	Anj Kumar Sahu-OBC	Pipartola	Lohara	
<b>kawardha</b>	Arhar	Improved Variety	Bhukhan Sahu- OBC	Pipartola	Lohara	
<b>kawardha</b>	Arhar	Improved Variety	Jhabaru Mndavi-ST	Pipartola	Lohara	
<b>kawardha</b>	Arhar	Improved Variety	Bare Lal Sahu-OBC	Pipartola	Lohara	
<b>kawardha</b>	Arhar	Improved Variety	Raitul Sahu- OBC	Pipartola	Lohara	
<b>kawardha</b>	Arhar	Improved Variety	Mantora Sahu-OBC	Pipartola	Lohara	
<b>kawardha</b>	Arhar	Improved Variety	Smt. Urmila Sahu-OBC	Pipartola	Lohara	
<b>kawardha</b>	Arhar	Improved Variety	Shankar Markam-ST	Pipartola	Lohara	
<b>kawardha</b>	Gram	Improved Variety	Shiv Nath Chandrawanshi-OBC	Dharampura	Kawardha	Farmers appreciated the improved variety with full package of practices demonstrated under FLD programme
<b>kawardha</b>	Gram	Improved Variety	Netram Chandrawanshi-OBC	Dharampura	Kawardha	
<b>kawardha</b>	Gram	Improved Variety	Omprakash Chandrawanshi-OBC	Dharampura	Kawardha	
<b>kawardha</b>	Gram	Improved Variety	Bharatlal Chandrawanshi-OBC	Dharampura	Kawardha	
<b>kawardha</b>	Gram	Improved Variety	Dilip Chandrawanshi-OBC	Dharampura	Kawardha	
<b>kawardha</b>	Gram	Improved Variety	Dharmendra Chandrawanshi-OBC	Dharampura	Kawardha	
<b>kawardha</b>	Gram	Improved Variety	Balram Singh Thakur-GEN	Dharamp	Kawardha	

ha				ura		
kawardha	Gram	Improved Variety	Ramji Chandrawanshi-OBC	Dharampura	Kawardha	
kawardha	Gram	Improved Variety	Fatte Ram Chandrawanshi-OBC	Dharampura	Kawardha	
kawardha	Gram	Improved Variety	Lala Ram Chandrawanshi-OBC	Dharampura	Kawardha	
kawardha	Linseed	Improved Variety	Tulsi Ram - OBC	Manikpur	Bodla	Farmers appreciated the improved variety with full package of practices demonstrated under FLD programme
kawardha	Linseed	Improved Variety	Jiwan Lal - OBC	Manikpur	Bodla	
kawardha	Linseed	Improved Variety	Ayodhya- OBC	Manikpur	Bodla	
kawardha	Linseed	Improved Variety	Chinta Ram Yadav, OBC	Manikpur	Bodla	
kawardha	Linseed	Improved Variety	Shahnaj Begam-GEN	Manikpur	Bodla	
kawardha	Linseed	Improved Variety	Sameshar OBC	Manikpur	Bodla	
kawardha	Linseed	Improved Variety	Nand Kumar OBC	Manikpur	Bodla	

### 3.9 Extension and Training activities under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
kawardha	Soybean	Field days	01	43	-
kawardha		Farmers Training	05	97	-
kawardha		Media coverage	02	-	-
kawardha		Training for extension functionaries	-	-	-
kawardha	Arhar	Field days	01	36	
kawardha		Farmers Training	03	73	
kawardha		Media coverage	02	-	
kawardha		Training for extension functionaries	-	-	
kawardha	Gram	Field days	01	17	-

<b>kawardha</b>		Farmers Training	02	63	-
<b>kawardha</b>		Media coverage	03	-	-
<b>kawardha</b>		Training for extension functionaries	-	-	-
<b>kawardha</b>	Linseed	Field days	01	17	-
<b>kawardha</b>		Farmers Training	03	79	-
<b>kawardha</b>		Media coverage	02	-	-
<b>kawardha</b>		Training for extension functionaries	-	-	-

## **IMPORTANT INSTRUCTION**

- 5. Do not modify/add/delete the column of the tables. If you want to give additional information, please attached separate sheet as annexure.**
- 6. Do not modify/delete the text written on grey colored background columns in tables otherwise information of your KVK will not be accepted by the database of our Directorate.**
- 7. 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.**
- 8. Column No. 1 is reserved for name of the KVK (District name). Write your KVK name in every row (do not leave blank the column No. 1 for any of the row).**
- 9. Please do not write unit or text in "Green" Coloured cell. Write only numerical figures here.**

## **FORMAT 2 – STAFF POSITION, TRAININGS, EXTENSION ACTIVITIES**

**REPORTING PERIOD – 1<sup>st</sup> October, 2009 to 31<sup>st</sup> March, 2010**

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## **IMPORTANT INSTRUCTION**

10. Do not modify/add/delete the column of the tables. If you want to give additional information, please attached with separate sheet as annexure.
11. Do not modify/delete the text written on grey colored background columns in tables otherwise information of your KVK will not be accepted by the database of our Directorate.
12. Training on additional Topics can be added or replaced under OTH Thematic Code in Table T1 (written in blue colored text).
13. 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.
14. Column No. 1 is reserved for name of the KVK (District name). Write your KVK name in every row (do not leave blank the column No. 1 for any of the row).
15. Please do not write unit or text in "Green Coloured cell". Write only numerical figures.

#### 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
<b>Thematic Areas for Training</b>	
CRP	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
RYH	Rural Youth
EXP	Extension Personnel

## 1. Staff Position (as on 31<sup>st</sup> March 2010)

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Speciali-zation	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
kawardha	Programme Coordinator	Dr. S. P. Singh	PC	Ph. D	Soil Science	12000-18300-	12000/-	01.04.09	Temporary (On Probation)	GEN.
kawardha	Subject Matter Specialist1	Shri T. D. Sahu	SMS	M. Sc (Ag)	Soil Science	8000-13500/-	8000/-	25.10.07	Temporary (On Probation)	OBC
kawardha	Subject Matter Specialist2	Dr. S. P. Sharma	SMS	Ph. D	Horticulture	8000-13500/-	8000/-	25.03.09	Temporary (On Probation)	GEN
kawardha	Subject Matter Specialist3	Dr. N. Sarang	SMS	Ph. D	Fisheries	8000-13500/-	8000/-	28.03.09	Temporary (On Probation)	GEN
kawardha	Messenger	Smt.Jamuna Bai	-	-	-	Rs. 2550-3200/-	2550/-	16.09.08	Temporary	OBC
kawardha	Watchman	Shri Shiv Kumar Lodhi	-	-	-	Rs. 2550-3200/-	2550/-	16.09.08	Temporary	OBC
kawardha	Subject Matter Specialist 4	Vacant	SMS		Agriculture Extension					
kawardha	Subject Matter Specialist 5	Vacant	SMS		Pathology					
kawardha	Subject Matter Specialist 6	Vacant	SMS		Animal Husbandary					
kawardha	Programme Assistant	Vacant			Agronomy					
kawardha	Farm Manager	Vacant			Agronomy					

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Speciali-zation	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
					/soil science					
<b>kawardha</b>	Computer Programmer	Vacant			Computer programmer					
<b>kawardha</b>	Accountant / superintendent	Vacant			-					
<b>kawardha</b>	Stenographer	Vacant			-					
<b>kawardha</b>	Driver	Vacant			-					
<b>kawardha</b>	Driver	Vacant			-					

## 2. 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 involved
<b>kawardha</b>	Women	Group discussion – During discussion with farm women it was thought that they can be involved in the Mushroom Production and and its by products	17/02.2010, ManikChauri, Kawardha	14
<b>kawardha</b>	Rural Youth	Group discussion – During training programme we are assess that youth can be involved in vermiculture production	20/02.2010, Ghotiya farm, Kawardha	27

For example: Need assessment of the training for farmers and farmwomen, the method may be diagnostic field visit, PRA tools, group discussion, exploratory survey

## 3. TRAINING PROGRAMMES

Table 3.1. Details of Training programmes conducted by the KVKs

Name of KVK	Cate-gory	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14

Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
kawardha	FW	ONC	CRP	Weed Management									
kawardha	FW	ONC	CRP	Resource Conservation Technologies									
kawardha	FW	ONC	CRP	Cropping Systems									
kawardha	FW	ONC	CRP	Crop Diversification									
kawardha	FW	ONC	CRP	Integrated Farming									
kawardha	FW	ONC	CRP	Water management									
kawardha	FW	ONC	CRP	Seed production									
kawardha	FW	ONC	CRP	Nursery management									
kawardha	FW	ONC	CRP	Integrated Crop Management									
kawardha	FW	ONC	CRP	Fodder production									
kawardha	FW	ONC	CRP	Production of organic inputs									
kawardha	FW	ONC	HOV	Production of low volume and high value crops									
kawardha	FW	ONC	HOV	Off-season vegetables									
kawardha	FW	ONC	HOV	Nursery raising									
kawardha	FW	ONC	HOV	Exotic vegetables like Broccoli									
kawardha	FW	ONC	HOV	Export potential vegetables									
kawardha	FW	ONC	HOV	Grading and standardization									
kawardha	FW	ONC	HOV	Protective cultivation (Green Houses, Shade Net etc.)									
kawardha	FW	ONC	HOF	Training and Pruning									
kawardha	FW	ONC	HOF	Layout and Management of Orchards									
kawardha	FW	ONC	HOF	Cultivation of Fruit									
kawardha	FW	ONC	HOF	Management of young plants/orchards									
kawardha	FW	ONC	HOF	Rejuvenation of old orchards									
kawardha	FW	ONC	HOF	Export potential fruits									
kawardha	FW	ONC	HOF	Micro irrigation systems of orchards									
kawardha	FW	ONC	HOF	Plant propagation techniques									
kawardha	FW	ONC	HOO	Nursery Management									
kawardha	FW	ONC	HOO	Management of potted plants									
kawardha	FW	ONC	HOO	Export potential of ornamental plants									
kawardha	FW	ONC	HOO	Propagation techniques of Ornamental Plants									
kawardha	FW	ONC	HOP	Production and Management technology									



Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
kawardha	FW	ONC	HOP	Processing and value addition									
kawardha	FW	ONC	HOT	Production and Management technology									
kawardha	FW	ONC	HOT	Processing and value addition									
kawardha	FW	ONC	HOS	Production and Management technology									
kawardha	FW	ONC	HOS	Processing and value addition									
kawardha	FW	ONC	HOM	Nursery management									
kawardha	FW	ONC	HOM	Production and management technology									
kawardha	FW	ONC	HOM	Post harvest technology and value addition									
kawardha	FW	ONC	SFM	Soil fertility management									
kawardha	FW	ONC	SFM	Soil and Water Conservation									
kawardha	FW	ONC	SFM	Integrated Nutrient Management									
kawardha	FW	ONC	SFM	Production and use of organic inputs									
kawardha	FW	ONC	SFM	Management of Problematic soils									
kawardha	FW	ONC	SFM	Micro nutrient deficiency in crops									
kawardha	FW	ONC	SFM	Nutrient Use Efficiency									
kawardha	FW	ONC	SFM	Soil and Water Testing									
kawardha	FW	ONC	LPM	Dairy Management									
kawardha	FW	ONC	LPM	Poultry Management									
kawardha	FW	ONC	LPM	Piggery Management									
kawardha	FW	ONC	LPM	Rabbit Management									
kawardha	FW	ONC	LPM	Disease Management									
kawardha	FW	ONC	LPM	Feed management									
kawardha	FW	ONC	LPM	Production of quality animal products									
kawardha	FW	ONC	WOE	Household food security by kitchen gardening and nutrition gardening									
kawardha	FW	ONC	WOE	Design and development of low/minimum cost diet									
kawardha	FW	ONC	WOE	Designing and development for high nutrient efficiency diet									
kawardha	FW	ONC	WOE	Minimization of nutrient loss in processing									
kawardha	FW	ONC	WOE	Gender mainstreaming through SHGs									
kawardha	FW	ONC	WOE	Storage loss minimization techniques									
kawardha	FW	ONC	WOE	Value addition									

Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
kawardha	FW	ONC	WOE	Income generation activities for empowerment of rural Women									
kawardha	FW	ONC	WOE	Location specific drudgery reduction technologies									
kawardha	FW	ONC	WOE	Rural Crafts									
kawardha	FW	ONC	WOE	Women and child care									
kawardha	FW	ONC	AEG	Installation and maintenance of micro irrigation systems									
kawardha	FW	ONC	AEG	Use of Plastics in farming practices									
kawardha	FW	ONC	AEG	Production of small tools and implements									
kawardha	FW	ONC	AEG	Repair and maintenance of farm machinery and implements									
kawardha	FW	ONC	AEG	Small scale processing and value addition									
kawardha	FW	ONC	AEG	Post Harvest Technology									
kawardha	FW	ONC	PLP	Integrated Pest Management									
kawardha	FW	ONC	PLP	Integrated Disease Management									
kawardha	FW	ONC	PLP	Bio-control of pests and diseases									
kawardha	FW	ONC	PLP	Production of bio control agents and bio pesticides									
kawardha	FW	ONC	FIS	Integrated fish farming									
kawardha	FW	ONC	FIS	Carp breeding and hatchery management									
kawardha	FW	ONC	FIS	Carp fry and fingerling rearing									
kawardha	FW	ONC	FIS	Composite fish culture									
kawardha	FW	ONC	FIS	Hatchery management and culture of freshwater prawn									
kawardha	FW	ONC	FIS	Breeding and culture of ornamental fishes									
kawardha	FW	ONC	FIS	Portable plastic carp hatchery									
kawardha	FW	ONC	FIS	Pen culture of fish and prawn									
kawardha	FW	ONC	FIS	Shrimp farming									
kawardha	FW	ONC	FIS	Edible oyster farming									
kawardha	FW	ONC	FIS	Pearl culture									
kawardha	FW	ONC	FIS	Fish processing and value addition									
kawardha	FW	ONC	PIS	Seed Production									
kawardha	FW	ONC	PIS	Planting material production									
kawardha	FW	ONC	PIS	Bio-agents production									

Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
kawardha	FW	ONC	PIS	Bio-pesticides production									
kawardha	FW	ONC	PIS	Bio-fertilizer production									
kawardha	FW	ONC	PIS	Vermi-compost production									
kawardha	FW	ONC	PIS	Organic manures production									
kawardha	FW	ONC	PIS	Production of fry and fingerlings									
kawardha	FW	ONC	PIS	Production of Bee-colonies and wax sheets									
kawardha	FW	ONC	PIS	Small tools and implements									
kawardha	FW	ONC	PIS	Production of livestock feed and fodder									
kawardha	FW	ONC	PIS	Production of Fish feed									
kawardha	FW	ONC	CBD	Leadership development									
kawardha	FW	ONC	CBD	Group dynamics									
kawardha	FW	ONC	CBD	Formation and Management of SHGs									
kawardha	FW	ONC	CBD	Mobilization of social capital									
kawardha	FW	ONC	CBD	Entrepreneurial development of farmers/youths									
kawardha	FW	ONC	CBD	WTO and IPR issues									
kawardha	FW	ONC	AGF	Production technologies									
kawardha	FW	ONC	AGF	Nursery management									
kawardha	FW	ONC	AGF	Integrated Farming Systems									
kawardha	FW	ONC	OTH	Others (Use of improved implement)									
kawardha	FW	ONC	OTH	Others (Please specify)									
kawardha	RY	ONC	RYH	Mushroom Production									
kawardha	RY	ONC	RYH	Bee-keeping									
kawardha	RY	ONC	RYH	Integrated farming									
kawardha	RY	ONC	RYH	Seed production									
kawardha	RY	ONC	RYH	Production of organic inputs									
kawardha	RY	ONC	RYH	Integrated Farming									
kawardha	RY	ONC	RYH	Planting material production									
kawardha	RY	ONC	RYH	Vermi-culture									
kawardha	RY	ONC	RYH	Sericulture									
kawardha	RY	ONC	RYH	Protected cultivation of vegetable crops									
kawardha	RY	ONC	RYH	Commercial fruit production									

Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
kawardha	RY	ONC	RYH	Repair and maintenance of farm machinery and implements									
kawardha	RY	ONC	RYH	Nursery Management of Horticulture crops									
kawardha	RY	ONC	RYH	Training and pruning of orchards									
kawardha	RY	ONC	RYH	Value addition									
kawardha	RY	ONC	RYH	Production of quality animal products									
kawardha	RY	ONC	RYH	Dairying									
kawardha	RY	ONC	RYH	Sheep and goat rearing									
kawardha	RY	ONC	RYH	Quail farming									
kawardha	RY	ONC	RYH	Piggery									
kawardha	RY	ONC	RYH	Rabbit farming									
kawardha	RY	ONC	RYH	Poultry production									
kawardha	RY	ONC	RYH	Ornamental fisheries									
kawardha	RY	ONC	RYH	Para vets									
kawardha	RY	ONC	RYH	Para extension workers									
kawardha	RY	ONC	RYH	Composite fish culture									
kawardha	RY	ONC	RYH	Freshwater prawn culture									
kawardha	RY	ONC	RYH	Shrimp farming									
kawardha	RY	ONC	RYH	Pearl culture									
kawardha	RY	ONC	RYH	Cold water fisheries									
kawardha	RY	ONC	RYH	Fish harvest and processing technology									
kawardha	RY	ONC	RYH	Fry and fingerling rearing									
kawardha	RY	ONC	RYH	Small scale processing									
kawardha	RY	ONC	RYH	Post Harvest Technology									
kawardha	RY	ONC	RYH	Tailoring and Stitching									
kawardha	RY	ONC	RYH	Rural Crafts									
kawardha	RY	ONC	RYH	Others (Irrigation System)									
kawardha	RY	ONC	RYH	Others (Flower Production)									
kawardha	RY	ONC	RYH	Others (Please specify)									
kawardha	IS	ONC	EXP	Productivity enhancement in field crops									
kawardha	IS	ONC	EXP	Integrated Pest Management									
kawardha	IS	ONC	EXP	Integrated Nutrient management									

Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
kawardha	IS	ONC	EXP	Rejuvenation of old orchards									
kawardha	IS	ONC	EXP	Protected cultivation technology									
kawardha	IS	ONC	EXP	Formation and Management of SHGs									
kawardha	IS	ONC	EXP	Group Dynamics and farmers organization									
kawardha	IS	ONC	EXP	Information networking among farmers									
kawardha	IS	ONC	EXP	Capacity building for ICT application									
kawardha	IS	ONC	EXP	Care and maintenance of farm machinery and implements									
kawardha	IS	ONC	EXP	WTO and IPR issues									
kawardha	IS	ONC	EXP	Management in farm animals									
kawardha	IS	ONC	EXP	Livestock feed and fodder production									
kawardha	IS	ONC	EXP	Household food security									
kawardha	IS	ONC	EXP	Women and Child care									
kawardha	IS	ONC	EXP	Low cost and nutrient efficient diet designing									
kawardha	IS	ONC	EXP	Production and use of organic inputs									
kawardha	IS	ONC	EXP	Gender mainstreaming through SHGs									
kawardha	IS	ONC	EXP	Others (Water Conservation)									
kawardha	IS	ONC	EXP	Others (Flower production)									
kawardha	IS	ONC	EXP	Others (Please specify)									
kawardha	IS	ONC	EXP	Others (Please specify)									
kawardha	FW	OFC	CRP	Weed Management	01	01	01	-		15		10	
kawardha	FW	OFC	CRP	Resource Conservation Technologies									
kawardha	FW	OFC	CRP	Cropping Systems	01	01		-		06		34	
kawardha	FW	OFC	CRP	Crop Diversification	01	01	01	-		01			
kawardha	FW	OFC	CRP	Integrated Farming	02	01	01	-		02		29	
kawardha	FW	OFC	CRP	Water management	01	01	01	-		-		29	
kawardha	FW	OFC	CRP	Seed production	01	01	01	03		24		10	
kawardha	FW	OFC	CRP	Nursery management									
kawardha	FW	OFC	CRP	Integrated Crop Management									
kawardha	FW	OFC	CRP	Fodder production									
kawardha	FW	OFC	CRP	Production of organic inputs									
kawardha	FW	OFC	HOV	Production of low volume and high value crops									

Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants						
								SC		ST		Others		
								M	F	M	F	M	F	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
kawardha	FW	OFC	HOV	Off-season vegetables										
kawardha	FW	OFC	HOV	Nursery raising	01	01	01	-		10	04	04	16	
kawardha	FW	OFC	HOV	Exotic vegetables like Broccoli										
kawardha	FW	OFC	HOV	Export potential vegetables										
kawardha	FW	OFC	HOV	Grading and standardization										
kawardha	FW	OFC	HOV	Protective cultivation (Green Houses, Shade Net etc.)	01	01	01	04		01		15		
kawardha	FW	OFC	HOF	Training and Pruning	01	01	01	08		09		09		
kawardha	FW	OFC	HOF	Layout and Management of Orchards	01	01	01	-		-		18		
kawardha	FW	OFC	HOF	Cultivation of Fruit	01	01	01	-		-		13	06	
kawardha	FW	OFC	HOF	Management of young plants/orchards										
kawardha	FW	OFC	HOF	Rejuvenation of old orchards										
kawardha	FW	OFC	HOF	Export potential fruits										
kawardha	FW	OFC	HOF	Micro irrigation systems of orchards	01	01	01	-		03		12		
kawardha	FW	OFC	HOF	Plant propagation techniques										
kawardha	FW	OFC	HOO	Nursery Management										
kawardha	FW	OFC	HOO	Management of potted plants										
kawardha	FW	OFC	HOO	Export potential of ornamental plants										
kawardha	FW	OFC	HOO	Propagation techniques of Ornamental Plants										
kawardha	FW	OFC	HOP	Production and Management technology										
kawardha	FW	OFC	HOP	Processing and value addition										
kawardha	FW	OFC	HOT	Production and Management technology										
kawardha	FW	OFC	HOT	Processing and value addition										
kawardha	FW	OFC	HOS	Production and Management technology										
kawardha	FW	OFC	HOS	Processing and value addition										
kawardha	FW	OFC	HOM	Nursery management										
kawardha	FW	OFC	HOM	Production and management technology										
kawardha	FW	OFC	HOM	Post harvest technology and value addition										
kawardha	FW	OFC	SFM	Soil fertility management	02	02	01	-		42		23		
kawardha	FW	OFC	SFM	Soil and Water Conservation										
kawardha	FW	OFC	SFM	Integrated Nutrient Management	01	01	01	01		03		11		
kawardha	FW	OFC	SFM	Production and use of organic inputs										

Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants						
								SC		ST		Others		
								M	F	M	F	M	F	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
kawardha	FW	OFC	SFM	Management of Problematic soils										
kawardha	FW	OFC	SFM	Micro nutrient deficiency in crops										
kawardha	FW	OFC	SFM	Nutrient Use Efficiency										
kawardha	FW	OFC	SFM	Soil and Water Testing	01	01	01	-		01		16		
kawardha	FW	OFC	LPM	Dairy Management										
kawardha	FW	OFC	LPM	Poultry Management										
kawardha	FW	OFC	LPM	Piggery Management										
kawardha	FW	OFC	LPM	Rabbit Management										
kawardha	FW	OFC	LPM	Disease Management										
kawardha	FW	OFC	LPM	Feed management										
kawardha	FW	OFC	WOE	Household food security by kitchen gardening and nutrition gardening										
kawardha	FW	OFC	WOE	Design and development of low/minimum cost diet										
kawardha	FW	OFC	WOE	Designing and development for high nutrient efficiency diet										
kawardha	FW	OFC	WOE	Minimization of nutrient loss in processing										
kawardha	FW	OFC	WOE	Gender mainstreaming through SHGs										
kawardha	FW	OFC	WOE	Storage loss minimization techniques										
kawardha	FW	OFC	WOE	Value addition										
kawardha	FW	OFC	WOE	Income generation activities for empowerment of rural Women										
kawardha	FW	OFC	WOE	Location specific drudgery reduction technologies										
kawardha	FW	OFC	WOE	Rural Crafts										
kawardha	FW	OFC	WOE	Women and child care										
kawardha	FW	OFC	AEG	Installation and maintenance of micro irrigation systems										
kawardha	FW	OFC	AEG	Use of Plastics in farming practices										
kawardha	FW	OFC	AEG	Production of small tools and implements										
kawardha	FW	OFC	AEG	Repair and maintenance of farm machinery and implements										
kawardha	FW	OFC	AEG	Small scale processing and value addition										
kawardha	FW	OFC	AEG	Post Harvest Technology										
kawardha	FW	OFC	PLP	Integrated Pest Management	02	02	01	02	01	03	02	09	04	

Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
kawardha	FW	OFC	PLP	Integrated Disease Management	02	02	01	-	-	-	-	38	-
kawardha	FW	OFC	PLP	Bio-control of pests and diseases									
kawardha	FW	OFC	PLP	Production of bio control agents and bio pesticides									
kawardha	FW	OFC	FIS	Integrated fish farming	01	01	01	05	04	05	06	04	02
kawardha	FW	OFC	FIS	Carp breeding and hatchery management	02	02	01	05		04		07	
kawardha	FW	OFC	FIS	Carp fry and fingerling rearing									
kawardha	FW	OFC	FIS	Composite fish culture	02	02	01	02	04	03	07	09	02
kawardha	FW	OFC	FIS	Hatchery management and culture of freshwater prawn									
kawardha	FW	OFC	FIS	Breeding and culture of ornamental fishes									
kawardha	FW	OFC	FIS	Portable plastic carp hatchery									
kawardha	FW	OFC	FIS	Pen culture of fish and prawn	01	-	-						
kawardha	FW	OFC	FIS	Shrimp farming									
kawardha	FW	OFC	FIS	Edible oyster farming									
kawardha	FW	OFC	FIS	Pearl culture									
kawardha	FW	OFC	FIS	Fish processing and value addition	02	-	-						
kawardha	FW	OFC	PIS	Seed Production									
kawardha	FW	OFC	PIS	Planting material production									
kawardha	FW	OFC	PIS	Bio-agents production									
kawardha	FW	OFC	PIS	Bio-pesticides production									
kawardha	FW	OFC	PIS	Bio-fertilizer production									
kawardha	FW	OFC	PIS	Vermi-compost production									
kawardha	FW	OFC	PIS	Organic manures production									
kawardha	FW	OFC	PIS	Production of fry and fingerlings									
kawardha	FW	OFC	PIS	Production of Bee-colonies and wax sheets									
kawardha	FW	OFC	PIS	Small tools and implements									
kawardha	FW	OFC	PIS	Production of livestock feed and fodder									
kawardha	FW	OFC	PIS	Production of Fish feed									
kawardha	FW	OFC	CBD	Leadership development									
kawardha	FW	OFC	CBD	Group dynamics									
kawardha	FW	OFC	CBD	Formation and Management of SHGs									
kawardha	FW	OFC	CBD	Mobilization of social capital									



Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
kawardha	FW	OFC	CBD	Entrepreneurial development of farmers/youths									
kawardha	FW	OFC	CBD	WTO and IPR issues									
kawardha	FW	OFC	AGF	Production technologies									
kawardha	FW	OFC	AGF	Nursery management									
kawardha	FW	OFC	AGF	Integrated Farming Systems									
kawardha	FW	OFC	OTH	Others (Goat Management)									
kawardha	FW	OFC	AEG	Others (Use of improved implement)									
kawardha	FW	OFC	AEG	Others (water recharging)									
kawardha	FW	OFC	AEG	Others (Soil and Water Conservation)									
kawardha	FW	OFC	OTH	Others (Please specify)									
kawardha	RY	OFC	RYH	Mushroom Production									
kawardha	RY	OFC	RYH	Bee-keeping									
kawardha	RY	OFC	RYH	Integrated farming	01	01	01	05		-		51	01
kawardha	RY	OFC	RYH	Seed production	01	01	01	06		04		33	
kawardha	RY	OFC	RYH	Production of organic inputs									
kawardha	RY	OFC	RYH	Integrated Farming									
kawardha	RY	OFC	RYH	Planting material production									
kawardha	RY	OFC	RYH	Vermi-culture									
kawardha	RY	OFC	RYH	Sericulture									
kawardha	RY	OFC	RYH	Protected cultivation of vegetable crops									
kawardha	RY	OFC	RYH	Commercial fruit production	01	01	01	06				26	
kawardha	RY	OFC	RYH	Repair and maintenance of farm machinery and implements									
kawardha	RY	OFC	RYH	Nursery Management of Horticulture crops									
kawardha	RY	OFC	RYH	Training and pruning of orchards									
kawardha	RY	OFC	RYH	Value addition									
kawardha	RY	OFC	RYH	Production of quality animal products									
kawardha	RY	OFC	RYH	Dairying									
kawardha	RY	OFC	RYH	Sheep and goat rearing									
kawardha	RY	OFC	RYH	Quail farming									
kawardha	RY	OFC	RYH	Piggery									
kawardha	RY	OFC	RYH	Rabbit farming									

Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
kawardha	RY	OFC	RYH	Poultry production									
kawardha	RY	OFC	RYH	Ornamental fisheries									
kawardha	RY	OFC	RYH	Para vets									
kawardha	RY	OFC	RYH	Para extension workers									
kawardha	RY	OFC	RYH	Composite fish culture									
kawardha	RY	OFC	RYH	Freshwater prawn culture									
kawardha	RY	OFC	RYH	Shrimp farming									
kawardha	RY	OFC	RYH	Pearl culture									
kawardha	RY	OFC	RYH	Cold water fisheries									
kawardha	RY	OFC	RYH	Fish harvest and processing technology	01	-	-						
kawardha	RY	OFC	RYH	Fry and fingerling rearing									
kawardha	RY	OFC	RYH	Small scale processing									
kawardha	RY	OFC	RYH	Post Harvest Technology									
kawardha	RY	OFC	RYH	Tailoring and Stitching									
kawardha	RY	OFC	RYH	Rural Crafts									
kawardha	RY	OFC	RYH	Others (Designing and development for high nutrient efficiency diet)									
kawardha	IS	OFC	EXP	Productivity enhancement in field crops	02	02	01	03		05		24	
kawardha	IS	OFC	EXP	Integrated Pest Management	02	02	01	02		02		54	
kawardha	IS	OFC	EXP	Integrated Nutrient management	02	02	01	03		04		24	
kawardha	IS	OFC	EXP	Rejuvenation of old orchards									
kawardha	IS	OFC	EXP	Protected cultivation technology									
kawardha	IS	OFC	EXP	Formation and Management of SHGs									
kawardha	IS	OFC	EXP	Group Dynamics and farmers organization									
kawardha	IS	OFC	EXP	Information networking among farmers									
kawardha	IS	OFC	EXP	Capacity building for ICT application									
kawardha	IS	OFC	EXP	Care and maintenance of farm machinery and implements									
kawardha	IS	OFC	EXP	WTO and IPR issues									
kawardha	IS	OFC	EXP	Management in farm animals									
kawardha	IS	OFC	EXP	Livestock feed and fodder production									
kawardha	IS	OFC	EXP	Household food security									

Name of KVK	Category	Training Type	Theme code	Sub-theme	No. of Courses (Targeted)	No. of Courses (Achieved)	Duration (Days)	Participants					
								SC		ST		Others	
								M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14
kawardha	IS	OFC	EXP	Women and Child care									
kawardha	IS	OFC	EXP	Low cost and nutrient efficient diet designing									
kawardha	IS	OFC	EXP	Production and use of organic inputs									
kawardha	IS	OFC	EXP	Gender mainstreaming through SHGs									
kawardha	IS	OFC	EXP	Others (Please specify)									

Table 3.2. Details of Vocational training programmes for Rural Youth 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	Mushroom	Use of residues of crops for earning a livelihood	01	2	6	4	9	7	11
kawardha	Seed production	Oilseeds and pulses	To earn more money from seed compared to the commercial production of crops	01	7	-	9	-	16	-
kawardha	Vermi-culture	Earthworms	Multiplication of worms to be used for preparation of compost	01	5	-	7	-	14	-
kawardha	Nursery Management of Horticulture crops	Vegetables and fruits	Reduction of mortality of seedlings due to diseases and insects	01	4	-	6	-	17	-

Table 3.3. Details of training programme 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					
kawardha					

kawardha					
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**Table 3.4. 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	Seed Treatment	CRP	Integrated Crop Management	FW	1	1	13	2	3	1	4	2	State Govt. Agril. Dept.	-
kawardha	Method of Soil Sampling	SFM	Soil Fertility Management	FW	1	1	12	-	4	-	6	-	ATMA.	-
kawardha	Preservation of Fruits	HOF	Method of Preparation of Squash	FW	1	1	3	13	2	7	-	5	NHM	-

**4. 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									

**NOTE: This exercise should be conducted by using/developing suitable well-structured questionnaire/ interview schedule implemented to the beneficiaries only.**

## 5. 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	3	2	31	-	22	-	4	-	Increase the Production	Production Technology of Linseed & Gram	Flowering & pod Formation
kawardha	Kisan Mela											
kawardha	Kisan Ghosthi	3	3	63	-	34	-	7	-	Increase the Production	Plant Protection measures of Rabi Crops	Vegetative, Flowering & Fruiting
kawardha	Exhibition											
kawardha	Film Show											
kawardha	Method Demonstrations	1	1	23	4	8	3	2	-	Protect the crop from seed borne disease and enhance nodulation	Treatment of seed with Fungicide and Rhizobium Culture	
kawardha	Farmers Seminar											
kawardha	Workshop											
kawardha	Group meetings	2	2	24	-	11	-	4	-	Protect	Control of	Floweri

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				
<b>a</b>											crops from insects & diseases	Pod borer, spraying of insecticides	ng and fruiting
<b>kawardha</b>	Lectures delivered as resource persons												
<b>kawardha</b>	Newspaper coverage	8	12										
<b>kawardha</b>	Radio talks	03											
<b>kawardha</b>	TV talks	-											
<b>kawardha</b>	Popular articles	02	01										
<b>kawardha</b>	Extension Literature	05	-										
<b>kawardha</b>	Farm advisory Services	-											
<b>kawardha</b>	Scientific visit to farmers field	11	16	48		67				Protect crops from insects & diseases	Use of Neem oil and insecticides	Vegetative, Flowering & Fruiting	
<b>kawardha</b>	Farmers visit to KVK	-	9							Increase the Production	Production Technology of Linseed & Gram		
<b>kawardha</b>	Diagnostic visits												

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											
kawardha	Ex-trainees Sammelan											
kawardha	Soil health Camp											
kawardha	Animal Health Camp											
kawardha	Agri mobile clinic											
kawardha	Soil test campaigns											
kawardha	Farm Science Club conveners meet											
kawardha	Self Help Group conveners meetings	-	03	27		33		2		To know about the work, SHG is doing		
kawardha	Mahila Mandals conveners meetings											
kawardha	Celebration of important days											
kawardha												
kawardha												
kawardha												

# FORMAT 3- MISCELLANEOUS ACTIVITY

**REPORTING PERIOD – 1<sup>st</sup> October, 2009 to 31<sup>st</sup> March, 2010**

## 1 BIO PRODUCTS

KVK Name	Major group/class	Product Name	Species	Quantity		Value (Rs.)	Provided to No. of Farmers
				No	(kg)		
kawardha	BIO AGENTS						
kawardha	BIO FERTILIZERS						
kawardha	BIO PESTICIDES						

## 2 LIVESTOCK

KVK of KVK	Category	Type	Breed	Quantity		Value (Rs.)	Provided to No. of Farmers
				(Nos)	Kgs		
kawardha	Cattle						
kawardha	Sheep and Goat						
kawardha	Poultry						
kawardha	Fisheries						
kawardha	Others (Specify)						

## 3 Literature Developed/Published (with full title, author & reference)

(A) KVK News Letter ((,etc.)

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
kawardha	April 2008	Quarterly	1000	77

(B) Literature developed/published

KVK Name	Type	Title	Authors name	Number of copies
kawardha				



**(C) Details of Electronic Media Produced**

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

**4 Activities of Soil and Water Testing Laboratory**

Status of establishment of Lab : Established

Year of establishment :

**1. List of equipments purchased with amount :**

KVK Name	Name of the Equipment	Qty.	Cost
kawardha			

**2. Details of samples analyzed so far:**

KVK Name	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
kawardha	Soil Samples				
kawardha	Water Samples				
kawardha	Plant Samples				
kawardha	Petiole Samples				
kawardha					
kawardha					
kawardha					
kawardha					
kawardha					
kawardha					
kawardha					

**5 Production and supply of Technological products****SEED AND PLANTING MATERIALS**

KVK Name	Major group/class	Crop	Variety	Type of produce (for Seed produced type hear 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	Cereals							
kawardha	Pulses							
kawardha	Pulses							
kawardha	Oilseeds							

KVK Name	Major group/class	Crop	Variety	Type of produce (for Seed produced type hear 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	Fibers							
kawardha	Spices							
kawardha	Plantation crops							
kawardha	Floriculture							
kawardha	Forest species							
kawardha	Fruits							
kawardha	Ornamental crops							
kawardha	Vegetables							
kawardha	Others							

SD – Seed; PM – Planting Material

## 6 Performance of instructional farm (Crops) including seed production

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	
kawardha	Cereals	-	-	-	-	-	-	-	-	-	-
kawardha	Cereals	-	-	-	-	-	-	-	-	-	-
kawardha	Pulses	Gram	20/10/10	13/02/10	05	JG-74	Certified seed	42q	66725	116500	
kawardha	Pulses	-	-	-	-	-	-	-	-	-	-
kawardha	Pulses	-	-	-	-	-	-	-	-	-	-
kawardha	Pulses	-	-	-	-	-	-	-	-	-	-
kawardha	Pulses	-	-	-	-	-	-	-	-	-	-
kawardha	Oilseeds	-	-	-	-	-	-	-	-	-	-
kawardha	Oilseeds	-	-	-	-	-	-	-	-	-	-
kawardha	Fibers	-	-	-	-	-	-	-	-	-	-
kawardha	Spices & Plantation crops	-	-	-	-	-	-	-	-	-	-
kawardha	Floriculture	-	-	-	-	-	-	-	-	-	-

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	
<b>kawardha</b>	Fruits	-	-	-	-	-	-	-	-	-	-
<b>kawardha</b>	Vegetables	-	-	-	-	-	-	-	-	-	-
<b>kawardha</b>	Others (specify)	-	-	-	-	-	-	-	-	-	-

**7 Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.,)**

KVK Name	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
<b>kawardha</b>	Vermicompost				
<b>kawardha</b>	Earth worm				
<b>kawardha</b>					
<b>kawardha</b>					
<b>kawardha</b>					

**8 Performance of instructional farm (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	
<b>kawardha</b>							
<b>kawardha</b>							

**9 Rainwater Harvesting**

**Training programmes conducted by using Rainwater Harvesting Demonstration Unit**

Name of KVK	Date	Title of the training course	Client (PF/R/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
					Male	Female	Total	Male	Female	Total
<b>kawardha</b>										
<b>kawardha</b>										
<b>kawardha</b>										

**10 Utilization of hostel facilities**

**Accommodation available (No. of beds) :**

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

**11. Documentation of Innovative technologies at the district level NA**

**12. Some importance success stories and case studies**

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