

# **ANNUAL PROGRESS REPORT**

**April 2016 to March 2017**

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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 by creating heading “Additional Information”
9. Also read the instructions mentioned just below the table
10. Your suggestions for improvement in the format for your simplicity as well as data compilation may be given at the end of the format
11. 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.
12. Grey color cells in summary table need not to be filled.
13. Crop name should be spelled correct and standard English name should be used i.e Cereals, Pulses, Oilseed:- Rice (not use Paddy), Wheat, Barley, Kodo, Kutki, Maize, Jwar, Bajra, Pigeon pea (not use Tur, Arhar, Red gram), Blackgram (not use Urd), Greengram (not use Moong/Moongbean), Chickpea (not use Gram, Chana), Field pea, Horse gram (Kulthi), Lentil, Mustard (not use Rai, Sarsoan), Soybean, Linseed, Groundnut, Sesame (not use Til), Niger (not use Ram Til), Safflower (not use Kusum).  
Vegetable :- Vegetable pea, Bottle guard, Bitter guard, Okra (not use Bhindi or Ladies finger).  
Fruits :- Mango, Guava, Custard apple, Pear etc.  
Spices :- Black Peeper, Turmeric, Ginger, Cardamom etc.

## REPORTING PERIOD – April 2016 to March 2017

### Summary of KVK Annual Report (Quantifiable Achievement) for the year 2016-17

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
<b>1</b>	<b>On Farm Testing</b>			
	Proposed OFT	17	71	
	On Going OFT	-		
	Technologies assessed (Completed OFT)	17		
	Technologies refined	00		
	On farm trials conducted	17	71	
<b>2</b>	<b>Frontline demonstrations</b>			
	Proposed Frontline demonstrations	18	177	
	On Going Frontline demonstrations	-		
	FLDs conducted on crops	09	89	
	Area under crops (ha.)	76.8		
	FLD on farm implement and tools	04	52	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	02	20	
	FLD on Fisheries - Finger lings	02	11	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	01	05	
	FLD on Women in Agriculture - ( Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)			
<b>3</b>	<b>Training programmes</b>	<b>No. of Course</b>	<b>Duration (days)</b>	<b>Participants</b>
	Farmers	37	37	905
	Farm women			
	Rural youth	6	6	274
	Extension personnel/ In service	3	3	133
	Vocational trainings	8	134	200
	Sponsored Training	28	28	577
	<b>Total</b>	82	200	2089
		<b>No. of programmes</b>	<b>Participants</b>	
<b>4</b>	<b>Extension Programmes</b>			
<b>5</b>	<b>Production of technology inputs etc</b>	<b>Qty</b>	<b>Beneficiaries (nos.)</b>	
	Seed (qt.)	955.30	Mass	
	Planting material produced (nos.)	250q	10	
<b>6</b>	<b>Livestock</b>	<b>Qty</b>	<b>Beneficiaries (nos.)</b>	
	Livestock strains ( Nos)			
	Milk Yield - Cow, Buffelo etc. (in liter)			
	Fish (Kg.)			
	Fingerlings (nos.)			
	Poultry-Eggs (nos.)			
	Ducks (nos.)			
	Chicks etc. (nos.)			



7	<b>Bio Products</b>		<b>Qty</b>	<b>Beneficiaries (nos.)</b>
	Bio Agents -Earth worm (Kg.)			
	Trichoderma (kg.)	2.0q		20
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)			
	Bio Pesticide-Panchgavya, Neem Extract, Neem oil etc.(lit.)			
8	<b>Any other significant achievement in the Zone</b>		<b>Nos.</b>	<b>Participants/ beneficiaries</b>
	Award (Best KVK award and scientist and farmer's award)	29		-
	Publications ( Res. Paper/ pop. Art./Bulletin,etc.)	6		Mass
	KVK News letter	4		4000
	SAC Meetings conducted	01		50
	Soil sample tested	1731		12297
	Water sample tested	-		-
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)			
	KVK-KMA (Message and beneficiaries)			
	Convergence programmes			
	Sponsored programmes	28		577
	KVK Progressive Farmers interaction	01		10
	No. of Technology Week Celebrations	04		555
	Attended HRD activities organized by ZPD			
	Attended HRD activities organized by DES			
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc. )			
9	Current status of Revolving Funds ( Amt. in Rs.)			
10		<b>No. of blocks</b>	<b>No. of villages</b>	
	Outreach of KVK in the District	04	117	
11		<b>ICAR</b>	<b>SAU</b>	<b>Others</b>
	No. of important visitors to KVK (nos.)	05	09	11
12		<b>Working (Yes/No)</b>	<b>No. of Update</b>	
	Status of KVK Website	Yes	35	
13		<b>Application received</b>	<b>Application disposed</b>	
	Status of RTI (nos.)			
14		<b>Query received</b>	<b>Query dissolved</b>	
	Citizen Charter (nos.)			
15		<b>Working (Yes/No)</b>	<b>No. of programme viewed</b>	
	E-connectivity			
16		<b>Filled</b>	<b>Vacant</b>	
	Staff Position	11	5	
17	Workshop/ Seminar/ Conference attended by staff of KVK ( nos)			
18	Publication received from ICAR /other organization (nos.)		45	
19		<b>Particulars</b>	<b>Organization</b>	
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)			

# GENERAL INFORMATION

## 1.1. Staff Position (as on date 15.04.2017)

### Summary of Staff position in KVKs on March, 2017

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
KAWARDHA	16	1	0	6	4	03	2	6	5	16	11

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Per./Temp.	Category
Kawardha	Programme Coordinator					37400-67000+8000 Rs. 9000				
Kawardha	Subject Matter Specialist1	Dr. B.P.Tripathi (I/c Programme Coordinator)	Plant Pathology	Ph. D.	Plant Pathology	15600-39100 + 5400 AGP		06.09.12		Others
Kawardha	Subject Matter Specialist2	Er. T.S.Sonwani	F.M.P	M. Tech.	F.M.P	15600-39100 + 5400 AGP		10.09.12		SC
Kawardha	Subject Matter Specialist3	Sh. B.S. Parihar	Agronomy	M.Sc.	Agronomy	15600-39100 + 5400 AGP		18.09.14		Others
Kawardha	Subject Matter Specialist4	Miss Manisha Khaparde	Fisheries	M.Sc.	Fisheries	15600-39100 + 5400 AGP		01.10.14		SC
Kawardha	Programme Assistant	Smt. Swati Sharma	Entomology	M.Sc.	Entomology	9300-34200+4200 AGP		05.11.14		Others
Kawardha	Farm Manager	Vacant								
Kawardha	Computer Programmer	Mr. Yogesh Kumar Kaushik	Information Technology	BE (IT)	Information Technology	9300-34200+4200 AGP		12.07.2013		OBC
Kawardha	Accountant / superintendent	Shri A. K. Khare		M. A.		5200 – 20200 + 2800 AGP		28.07.10		SC
Kawardha	Stenographer	Vacant								
Kawardha	Driver	Shri Khileshwar		Higher		5200-20200		01.04.13		OBC

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Per./Temp.	Category
		Sahu		Secondary		+1900AGP				
Kawardha	Driver	Shri Haran Ram Kaushik		Primary		5200-20200 +1900AGP		01.04.13		OBC
Kawardha	Supporting staff	Shri. Salik Ram Lodhi		Middle		4750 – 7400 + 1300 AGP		16.09.08		OBC
Kawardha	Supporting staff	Shri Shiv Kumar Lodhi		Primary		4750 – 7400 + 1300 AGP		16.09.08		OBC

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

KVK Name	Agro-climatic zone	No. of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
Kawardha	CG Plain	04	371	539660	61.95%	62466	154040	1.8 ha

Sr. No.	Particulars	Quantity/Area
1.	Geographic Area	4.44 lac ha
2.	Rainfall	830.00 mm
3.	Forest Area	1.81 lac ha
4.	Double Cropped Area	0.91 lac ha
5.	<i>Kharif</i> Area	1.58 lac ha
6.	<i>Rabi</i> Area	1.19 lac ha
7.	Total Cultivated Area	2.77 lac ha
8.	Net Cultivated Area	1.85 lac ha
9.	Cropping Intensity	149 %
10.	Barren Land	1.84 lac ha
11.	Cultivable fallow land	0.027 lac ha
12.	Pasture lands	0.28 lac ha
13.	<i>Kharif</i> Irrigated Area	0.75 lac ha
14.	<i>Rabi</i> Irrigated Area	0.42 lac ha
15.	Net Irrigated Area	0.69 lac ha

### 1.3. 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	Ramhepur Khurd	2016-17	Kawardha	25		
KAWARDHA	Surajpura	2016-17	Kawardha	22	750	200

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

KVK Name	THRUST AREA
KAWARDHA	Varietal replacement in various crops
KAWARDHA	Change in Paddy-chick pea/ soybean- chick pea cropping systems
KAWARDHA	Introduction of sugarcane varieties resistant to red rot, root borer and shoot borer
KAWARDHA	Insuring production and availability of <i>Trichoderma viride</i> locally
KAWARDHA	Combined use of organic manures and inorganic fertilizer
KAWARDHA	Enhancement of milk & meat productivity through improved breeds
KAWARDHA	Farm mechanization through improved agricultural implements
KAWARDHA	Employment generation for rural women & rural youth through income generation activities

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

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Kawardha	Lack of awareness of improved agricultural technologies	Discussion with farmers, field visit	
Kawardha	Non-availability of quality seeds of suitable HYVs	Discussion with farmers	
Kawardha	Lack of suitable agricultural implements for seeding of crops	Discussion with farmers, field visit	
Kawardha	Lack of proper agricultural infrastructures including irrigation	Discussion with farmers	
Kawardha	Non-awareness regarding effective control of various pests and diseases (insects, diseases and weeds)	Discussion with farmers and Field visit	
Kawardha	High incidence of pests and diseases, Improper use of fertilizer and chemicals	Discussion with farmers, field visit	
Kawardha	Less knowledge about post harvest handling of agriculture produce	Discussion with farmers, field visit	
Kawardha	Lack of awareness of improved agricultural technologies	Discussion with farmers, field visit	

## 2. ON FARM TESTING (OFT)

KVK name	Year	Season	Problem diagnose	Title of OFT	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farmin g Situations	No. of trials	Results (q/ha)		Net Returns (Rs./ha)			Reco mme ndati ons		
										FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	T <sub>3</sub>	T <sub>4</sub>	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	T <sub>3</sub>	
kawardha	2016	Khari f	Use of high seed rate coupled with heavy infestation of weeds in biased system of rice cultivation. Sometimes crop fails due to drought situation occurred at the time of biasi.	Assessment of crop management practices in line sown direct seeded rice	Assessment	Integrated crop management	Paddy / Herbicides	Rainfed lowland (Dorsa)	4	39.60	43.70	-		28062	35889	-	
kawardha	2016	Khari f	Heavy Yield Loss due to Weed Infestation, Labour Problem	Assessment of chemical weed management in Soybean	Assessment	Weed Management	Soybean/ herbicides	Rainfed upland (Kanhar)	04	12.40	14.50	14.20	14.35	22100	27600	26500	
kawardha	2016	Khari f	Improper, untimely and defective method of Fungicides application	Assessment of IDM modules for False Smut disease in Paddy	Assessment	Integrated Disease Management	Paddy /Agrochemical	Rainfed lowland (Dorsa)	04	45.22	48.67	-		35323	41595	-	
kawardha	2016	Khari f	Improper, untimely	Assessment of IDM	Assessment	Integrated Disease	Paddy /Agroche	Rainfed lowland	04	44.12	48.66	-		35256	41600	-	

			and defective method of Fungicides application	modules for Blast disease in Paddy		Management	mical	(Dorsa)									
kawardha	2016	Khari f	low yield of existing variety	Assessment of high yielding variety of Onion	Assessment	Varietal Evaluation	Onion Variety Bhima Dark red	Irrigated Upland (Kanhar)	05	67.2	114	-					
kawardha	2016	Khari f-	Un availability of quality seeds	Assessment of high yielding variety of Brinjal	Assessment	Varietal Evolution	Chhattisgarh safed baigan -1	Irrigated Upland (Kanhar)	04								
kawardha	2016	Khari f	Low yield Due to traditional method of sowing because broadcasting causes improper coverage of seed and fertilizer, Drainage or water logging	Assessment of Raised bed planter for line sowing of soybean	Assessment	Farm Mechanization	Raised bed planter	Rainfed upland (Kanhar)	05	14.03	16.48	-		36590	43440	-	
kawardha	2016	Khari f	Not available labors at the time and high cost for harvesting through manually.	Assessment of Self propelled Reaper For Harvesting of Paddy	Assessment	Farm Mechanization	Self propelled reaper	Rainfed upland (Kanhar)	05	0.080	.037	-		30600	33695	-	
kawardha	2016-17	Khari f,	High cost of poultry	Assessment on	Assessment	Backyard poultry	Khaki Campbell	Backyard	04	2	2.5			600	850		

		Rabi	meat	backyard Duck farming.		farming	/ Indian runner										
kawardha	2016 2016 -17	Khari f Rabi	Low meat and egg production in desi poultry bird	Assessment of Kadaknath on backyard system	Assessment	Backyard poultry farming	Kadaknath	Backyard	04	1	1.3			13010	18260		
Kawardha	2016 -17	Rabi	Low milk production due to unavailability of green fodder in the diet of milch animal and wastage of sugarcane by product.	Assessment of the use of sugarcane tops in feeding of milch animal	Assessment	Livestock production and management	Sugarcane tops	-	05	2.6	3.2			74	88		
kawardha	2016 2016 -17	Khari f, Rabi	Too much mortality of carp fry during rearing management due to aquatic insects and predatory and weed fishes	Assessment of spawn to fry raising through supplementary feeding in small seasonal pond	Assessment	Seed production	Fishes	-	04	34%	46%			41000	54000		-
kawardha	2016 2016 -17	Khari f, Rabi	Poor Survival of fish spawn due to lack of feeding material in nursery	Assessment of fish seed fry to fingerling production in seasonal village	Assessment	Seed production	Nursery pond management	-	04	39%	50%			14750 0	22700 0		



				pond													
Kawardha	2016-17	Rabi	Not available labors at the time and high cost for harvesting through manually.	Assessment of Self propelled Reaper For Harvesting of Wheat	Assessment	Farm Mechanization	Self propelled reaper		05	.085	.30	-		15475	20770	-	
kawardha	2016-17	Rabi	Heavy plant mortality in Chickpea due to collar rot when grown after rice in irrigated conditions	Assessment of <i>Trichoderma viride</i> for control of Chickpea collar rot	Assessment	Integrated Diseases Management	Chickpea, Bioagent	Partially irrigated upland (Kanhar)	04	12.12	13.55	-		49996	58048		
Kawardha	2016-17	Rabi	Kharif pigeon pea takes long duration	Assessment of Rabi Pigeon pea	Assessment	Integrated Crop Management	Pigeon pea	Irrigated upland (Kanhar)	04		9.50	-	-	-	23550	-	
kawardha	2016-17	Rabi	Assessment Low yield due to local variety	Assessment of high yielding variety of Onion	Assessment	Varietal Evaluation	Onion Variety Bhima Shakti	Irrigated Upland (Kanhar)									

Note-

- **Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.**
- **Crop name should be spelled correct and standard English name should be used i.e Chick pea in place of gram/chana , Paddy in place of Rice/chawal , brinjal in place of egg plant/bhata/baigan etc.**
- **Don't press enter key to navigate among column use arrow or tab key**
- **don't add space before or after statement within the table cell**
- **Kindly mention realistic estimated yield of your crop under trail.**
- **If crop has been not yet harvested, mark it \* on that**

## **2.1 Information about OFT**

KVK name	OFT Title	Parameters				Average Cost of cultivation (Rs/ha)				Average Gross Return (Rs/ha)				Average Net Return (Rs/ha)				Benefit-Cost Ratio (Gross Return / Gross Cost)			
		Name and unit of Parameter	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	T <sub>3</sub>	T <sub>4</sub>	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	T <sub>4</sub>	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	T <sub>4</sub>	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )	T <sub>4</sub>	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )	Refined Practice, if any (T <sub>3</sub> )
Kawardha	Assessment of crop management practices in line sown direct seeded rice	Yield q/ha	39.60	43.70			31338	29661			59400	65550			28062	35889			1.89	2.20	
Kawardha	Assessment of chemical weed management in Soybean	Yield q/ha	12.40	14.50	14.20	14.35	15100	15900	16100	16300	37200	43500	42600	43050	22100	27600	26500	26750	2.46	2.74	2.65
Kawardha	Assessment of IDM modules for False Smut disease in Paddy	Yield q/ha	45.22	48.67			29150	29950	-		66473	71545	-		35323	41595	-		2.28	2.39	-
Kawardha	Assessment of IDM modules for Blast disease in Paddy	Yield q/ha	44.12	48.66			29600	29930	-		64856	71532	-		35256	41600	-		2.19	2.39	-
Kawardha	Assessment of high yielding variety of Onion	Yield q/ha	66.00	114.00			15000	20000			52800	91200			37800	71200			2.52	3.56	
Kawardha	Assessment of high yielding variety of Brinjal	Yield q/ha	123	197			20000	30000			61500	137900			41500	107900			2.07	3.6	
Kawardha	Assessment of Raised bed planter for	Yield q/ha	14.03	16.48			15250	15450	-		42090	49440	-		26840	33990	-		2.76	3.20	

	line sowing of soybean																			
Kawardha	Assessment of Self propelled Reaper For Harvesting of Paddy	Yield q/ha	39.30	41.53			28350	28600	-		58950	62295	-		30600	33695	-		2.07	
Kawardha	Assessment on Integrated duck cum fish culture.	Body wt. kg/ bird of 6 month	2.0	2.5			2000	1500	-		8000	10000	-		6000	8500	-		3.0	6.6
Kawardha	Assessment on the performance of Kadaknath on backyard system	Body wt. kg/ bird of 6 month	1.0	1.3			4990	7740	-		18000	26000	-		13010	18260	-		3.6	3.35
Kawardha	Assessment of the use of sugarcane tops in feeding of milch animal	Milk yield lit/day/kg	2.6	3.2			30	35	-		104	128	-		74	88	-		3.4	3.645
Kawardha	Assessment of spawn to fry raising through supplementary feeding in small seasonal pond	Survival percentage, B:C	34%	46%			34000	38000			75000	92000			41000	54000	-		2.2	2.4
Kawardha	Assessment of fish seed fry to fingerling production in seasonal village pond	Survival percentage, B:C	39%, 85,000 fingerling	50%, 120,000 fingerling			65000	73000			212500	300000	-		147500	227000			3.2	4.1

Kawar dha	Assessment of Self propelled Reaper For Harvesting of Wheat	Yield q/ha	25.75	29.50			15350	15480	-		38625	44250			23275	28770			2.51	2.85	
Kawar dha	Assessment of <i>Trichoderma viride</i> for control of Chickpea collar rot	Yield q/ha	12.12	13.55			20300	20600	-		70296	78648	-		49996	58048	-		3.46	3.81	-
Kawar dha	Assessment of <i>Rabi</i> Pigeon pea	Yield q/ha		9.50				19200				42750				23550				2.22	
Kawar dha	Assessment of high yielding variety of Onion	Yield q/ha	79.4	150.2			20000	30000			63520	120160			43520	90160			2.18	3.00	

## 2.2 Economic Performance

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

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

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

KVK name	OFT Title	Performance Indicator / Parameter															
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost			
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

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

KVK name	OFT Title	Performance Indicator / Parameter											
		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

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

KVK name	OFT Title	Performance Indicator / Parameter													
		Composition of product		Input used		outcome (Kg)		Cost of input		Incremental income		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

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

KVK name	OFT Title	Performance Indicator / Parameter				Nutrient Intake (Unit)								Anthropometric measurements						
		Name of vegetable/Fruit/Product		Per capita Consumption gm/day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm )		Increase in BMI (%)		
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	

## 2.5 Feedback from KVK to Research System

Name of KVK	Feedback

## 3. Achievements of Frontline Demonstrations (FLD)

### 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
Kawardha	Paddy	Varietal Evaluation	Variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	300	1950	2700
Kawardha	Soybean	Varietal Evaluation	Variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	8	580	1200
Kawardha	Elephant foot yaam (Zimikand)	Varietal Evaluation	Variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	20	1740	75
Kawardha	Soybean	Farm Mechanization	Seed cum fertilizer drill introduce	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures..	48	760	1100
Kawardha	Mushroom	Mushroom cultivation	Mushroom Production	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	9	28	56
Kawardha	Fish, Duck	Fish cum duck culture	Integrated fish cum duck culture	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures	6	56	-
Kawardha	Fish Production & management	Fish production	Fish Production & management	Demonstration plots, Discussion with other farmers, Distribution of literatures.	360	600	2600
Kawardha	Gram	Varietal Evaluation	Variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	30	180	110
Kawardha	Wheat	Farm Mechanization	Seed cum fertilizer drill	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	23	68	250
Kawardha	Wheat	Varietal Evaluation	Variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	5	20	30
Kawardha	Sugarcane	Diseases Management	Agrochemical	Visit of other farmers in the Demonstration plots	7	30	70
Kawardha	Azolla	Livestock production and management	Demonstration on Azolla cultivation for feeding of milch animal	Visit of other farmers in the Demonstration plots	8	27	52

Kawardha	Neem and Karanj oil	Livestock production and management	Demonstration on the effect of herbal oil (Neem and Karanj) to control ecto parasites in dairy animals	Visit of other farmers in the Demonstration plots	7	25	55
Kawardha	Arbi	Varietal Evaluation	Variety	Visit of other farmers in the Demonstration plots	8	80	60

#### Note-

- **Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.**
- **\*Crop name should be spelled correct and standard English name should be i.e Chick pea in place of gram, Paddy in place of Rice , brinjal in place of egg plant etc.**
- **\*Don't press enter key to navigate among col use arrow or tab key**
- **\*don't add space before or after statement within the table cell**
- **Kindly mention realistic estimated yield of your crop under Demonstration.**
- **If crop has been not yet harvested, mark it \* on that**

### 3.2 Details of FLDs implemented

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Enterprizes	Crop- Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers				
								FP (T <sub>1</sub> )	RP (T <sub>2</sub> )		SC	ST	Others	General	Total
Kawardha	2016	Kharif	Varietal Evaluation	Variety	Paddy	Indira Rajeshwari	5.00	36.40	43.45	19.36		12			12
Kawardha	2016	Kharif	Varietal Evaluation	Variety	Soyabean	JS-97-52	5.0	14.20	16.39	15.42		12			12
Kawardha	2016	Kharif	Varietal Evaluation	Variety	Indian Bean	Chhattisgarh Sem-1	0.4	74	115.6	56.23					5
Kawardha	2016	Kharif	Farm Mechanization	Seed cum fertilizer Drill	Soyabean	Seed cum fertilizer Drill	5.00	14.20	16.39	15.42		13			13



Kawardha	2016	Khariif	Farm Mechanization	Seed cum fertilizer Drill	Paddy	Seed cum fertilizer Drill	5.00	36.40	43.45	19.36		13			13
Kawardha	2016-17	Khariif	Integrated Pest Management	IPM	Paddy	1. Transplanting of one row of Karigilas variety after every nine rows of cultivated Paddy variety. 2. Spray of newer molecule chlorantraniliprole 18.5% SC (Coragen) at pre-panicle stage @150ml/ha	5.00	49.33	55.94	11.81	-	-	12	-	12
Kawardha	2016-17	Khariif Rabi and Zaid	Mushroom Production	Mushroom cultivation	Mushroom	Pleurotus florida	05	605gm/bag	848gm/bag	21.66	-	-	05	-	05
Kawardha	2016-17	Khariif and Rabi	Livestock production and management	Deworming Schedule of broad spectrum antihelminthic drugs.	cow	Use of fenbendazole @3.0gm per animal at three month interval		2.2	2.6	15.38	-	-	10	-	10
Kawardha	2016-17	Khariif and Rabi	Livestock production and management	Application of herbal oil	cow	Use of Neem and Karanj oil in 1:1 ratio every week with regular grooming	20	1.0	1.2	75	-	-	10	-	10
Kawardha	2016-17	Khariif and Rabi	Increases production and decreases cost of cultivation	Integrated fish cum duck culture	Fish	1. Stocking of 10,000 fingerling/ha pond (Catla, Rohu, Mrigal) @4:3:3 2. Khakhi Campbell duck breed used for fish cum duck culture@200 -250 ducks /ha	1	Fish-16	Fish -21, Duck-3.5	45%			8		8
Kawardha	2016-17	Khariif and Rabi	Fish production & feed management	Low cost feed management in fish culture	Fish	The feed is prepared from Til oil cake (30%), mustard oil cake (30%), rice bran (39%) and mineral mixture (1%).	1	21.50	32.5	35%	4	1	-	3	3
Kawardha	2016-17	Rabi	Diseases Management	Agrochemical	Sugarcane	Hot water Treatment at 50° for 30 minutes & Tebuconazole 50%	5.00	711	865	21.66	-	-	12	-	12
Kawardha	2016-17	Rabi	Farm Mechanization	Seed cum fertilizer Drill	Chickpea	Seed cum fertilizer Drill	5.00	14.07	15.65	11.23			13		13

Kawardha	2016-17	Rabi	Farm Mechanization	Seed cum fertilizer Drill	Wheat	Seed cum fertilizer Drill	5.00	23.88	27.85	16.62			13		13
Kawardha	2016-17	Rabi	Integrated Pest Management	IPM	Chickpea	Use of IPM package (optimum seed rate-use of bird perchers, intercropping of coriander (10:1), spraying of profenophos 50EC @ 1 lit/ha)	5.00	14.07	15.65	11.23	-	-	07	-	07
Kawardha	2016-17	Rabi	Varietal Evaluation	Variety	Wheat	CG-3	5.00	23.88	27.85	16.62			12		12
Kawardha	2016-17	Rabi	Varietal Evaluation	Variety	Chickpea	JG-130	5.00	14.07	15.65	11.23			12		12
Kawardha	2016-17	Rabi	Varietal Evaluation	Variety	Tomato	Arka Rakshak	0.40	123.2	178	44.48			5		5

### 3.3 Economic Impact of FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	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> )	FP (T <sub>1</sub> )	RP (T <sub>2</sub> )
Kawardha	Variety	Paddy	Yield q/ha	36.40	43.45	30892	31503	54600	65175	23708	33672	1.77	2.06
Kawardha	Variety	Soyabean	Yield q/ha	14.20	16.39	16800	17600	42600	49170	25800	31570	2.42	2.92
Kawardha	Variety	Indian Bean	Yield q/ha	74	115.6	20000	35000	51800	115600	31800	75600	1.59	2.16
Kawardha	Seed cum fertilizer Drill	Soyabean	Yield q/ha	14.20	16.39	16800	17600	42600	49170	25800	31570	2.42	2.92
Kawardha	Seed cum fertilizer Drill	Paddy	Yield q/ha	36.40	43.45	30892	31503	54600	65175	23708	33672	1.77	2.06
Kawardha	IPM	Paddy	Yield q/ha	49.33	55.94	30750	31300	73995	83910	43245	52610	2.40	2.68
Kawardha	Mushroom cultivation	Mushroom	Mushroom production mg/bag	605gm/bag	848gm/bag	-	-	-	-	-	-		
Kawardha	Deworming Schedule of broad spectrum anthelmintic drugs.	cow	Milk yield lit./day	2.2	2.6	35	40	88	104	53	64	2.5	2.6

Kawardha	Application of herbal oil	cow	Milk yield lit./day	1.0	1.2	30	35	40	48	10	18	1.33	1.37
Kawardha	Integrated fish cum duck culture	Fish	Yield, B:C	Fish-16	Fish -21, Duck-3.5	60000	75000	165000	271000	105000	196000	2.75	3.61
Kawardha	Low cost feed management in fish culture	Fish	Yield, B:C	21.50	32.5	52000	65000	135000	186000	83000	121000	2.54	2.86
Kawardha	Agrochemical	Sugarcane	Yield q/ha	711	865	78200	76100	199080	242200	120880	166100	2.54	3.18
Kawardha	Seed cum fertilizer Drill	Chickpea	Yield q/ha	14.07	15.65	22335	23385	84420	93360	62085	69975	3.77	3.99
Kawardha	Seed cum fertilizer Drill	Wheat	Yield q/ha	23.88	27.85	16500	16800	35820	41775	19320	24972	2.17	2.48
Kawardha	IPM	Chickpea	Yield q/ha	14.30	15.45	22150	22640	85800	92700	63650	70060	3.87	4.09
Kawardha	Variety	Wheat	Yield q/ha	23.88	27.85	16500	16800	35820	41775	19320	24972	2.17	2.48
Kawardha	Variety	Chickpea	Yield q/ha	14.07	15.65	22335	23385	84420	93360	62085	69975	3.77	3.99
Kawardha	Variety	Tomato	Yield q/ha	123.2	178	30000	40000	61600	89000	31600	49000	1.05	1.22

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

KVK name	Year	Season	Thematic Area	Problem Identified	Technology to be Demonstrated as Solution to the Identified Problem	Crop/ Enterprise (In which crop Enterprise or Farming Activity)	Name of Variety/Technology/Enterprizes	Farming Situation	Proposed area (ha)	No. of Beneficiaries

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

KVK name	OFT Title	Performance Indicator / Parameter													
		Output m2/h		Est. Energy Expenditure kj/min.		WHR beat/min		% reduction in drudgery		% increase in efficiency		Cardiac Cost of Work		% Saving of cardiac Cost	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

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

KVK name	OFT Title	Performance Indicator / Parameter											
		Production per unit		Cost of input		Incremental income		Yield(Kg/ha)		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

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

KVK name	OFT Title	Performance Indicator / Parameter													
		Composition of product		Input used		outcome (Kg)		Cost of input		Incremental income		Net Return		Saving in Rs	BC ratio
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2		

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

KVK name	OFT Title	Performance Indicator / Parameter				Nutrient Intake (Unit)				Anthropometric measurements									
		Name of vegetable/Fruit/Product		Per capita Consumption gm/day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm )		Increase in BMI (%)	
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2

### 3.6 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks

KAWARDHA	Soybean, Pigeon pea, Chickpea, Lentil, Mustard,	Field day	6	650	
KAWARDHA	Soybean, Pigeon pea, Chickpea, Lentil, Mustard,	Farmers Training	37	905	
KAWARDHA	Soybean, Pigeon pea, Chickpea, Lentil, Mustard,	Media Coverage	64		
KAWARDHA	Soybean, Pigeon pea, Chickpea, Lentil, Mustard,	Training for extension Functionaries	3	133	

### 3.7 Details of FLD on crop hybrids.

S. No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.

## 4. Feedback System

### 4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
<b>Kawardha</b>	Use Self Propelled Vertical Convevor Reaner	Harvesting Paddy and Wheat cron Bv Reaner	OFT	
	Fish Cum Duck Culture	To distributed farmers Duck and Fish	OFT	

### 4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Kawardha	Farmers are happy as it solves labor problem at the same time saves time & reduces the cost of harvesting

#### 4. 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
Kawardha	Farmers & Farm women	Field visits , Group discussion with the farmers	April 2016 - Odiyakala	30
Kawardha	Rural youth	Field visits , Group discussion with the farmers	April 2016 - Biranpur	28
Kawardha	In – service personnel	Field visits , Group discussion with the farmers	May 2016 – Ramhepur khurd	25

#### Abbreviation Used

FW	(A) Farmers & Farm Women
RY	(B) Rural Youths
IS	(C) Extension Personnel
ONC	On Campus Training Programme
OFC	Off Campus Training Programme
M	Male
F	Female
T	Total

#### Thematic Areas for Training

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

## 5. TRAINING PROGRAMMES

1. Training programmes should be strictly covered under above mentioned thematic areas only,
2. For category, training type and thematic area, mention code/abbreviations only

**Table. 5.1. Details of Training programmes conducted by the KVKs**

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
kawardha	FW	OFC	LPM	Fodder production and feeding management	1	1	0	0	2	0	0	0	14	0
kawardha		ONC	LPM	Integrated livestock farming system	1	1	3	4	4	1	3	6	16	6
kawardha		OFC	LPM	Care and maintenance of cow and Buffalo	1	1	1	0	0	0	1	0	20	0
kawardha		OFC	LPM	Importance of vaccination and health management	1	1	0	0	0	0	0	0	20	0
kawardha		OFC	LPM	Integrated duck farming	1	1	0	0	0	0	0	0	7	18
kawardha		OFC	LPM	Animal health camp	1	1	0	0	0	0	0	0	20	0
kawardha		ONC	CRP	Weed management	1	1	0	0	0	0	3	0	12	2
kawardha		OFC	AEG	Use of seed drill introduction	1	1	0	0	0	0	21	10	0	0
kawardha		ONC	FIS	Integrated fish farming	1	1	3	3	3	1	1	6	11	6
kawardha		OFC		Carp breeding and hatchery management	1	1	10	10	0	0	9	2	0	0
kawardha		OFC	FIS	Carp fry and fingerling rearing	1	1	0	0	0	1	17	7	0	0
kawardha		OFC	FIS	Composite fish culture	1	1	0	0	0	0	0	0	32	0
kawardha		ONC	FIS	Integrated farming system	6	6	3	0	1	7	5	0	14	0
kawardha		OFC	FIS	Composite fish culture	5	5	0	0	10	0	0	0	0	10
kawardha		OFC	FIS	Integrated fish culture	5	5	0	0	10	0	0	0	0	10
kawardha		ONC	HOF	Plant propagation techniques	1	1	5	3	4	1	4	6	17	4
kawardha		ONC	PLP	Integrated pest management	1	1	0	0	0	0	0	0	7	18
kawardha		ONC	PLP	Insect pest of oilseed crop	1	1	0	0	1	1	3	0	22	0
kawardha		ONC	HOV	Production technology of vegetable	1	1	3	1	6	0	6	2	15	6
kawardha	FW	OFC	HOV	Management of vegetables	1	1	0	0	13	0	0	0	37	0



Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14	15	16
				nursery										
kawardha		OFC	HOV	Production Technology of bulb crops	1	1	0	0	0	0	8	0	42	0
kawardha		OFC	HOF	Micro irrigation system of orchard	1	1	0	0	0	0	0	2	0	24
kawardha		OFC	FIS	Pond preparation for fish culture	1	1	0	0	2	0	5	0	25	0
kawardha		ONC	FIS	Integrated farming system	1	1	0	0	1	0	0	0	49	0
kawardha		OFC	FIS	Composite fish culture	1	1	50	0	0	0	0	0	0	0
kawardha		ONC	CRP	Soyabean production technology	1	1	0	0	1	2	2	2	14	0
kawardha		ONC	CRP	Chickpea production technology	1	1	0	0	0	0	3	0	24	0
kawardha		ONC	PLP	Integrated disease management	1	1	0	0	0	0	3	0	40	0
kawardha		OFC	AEG	Uses Bullock operator implement	1	1	0	0	0	0	21	9	0	0
kawardha		OFC	AEG	Uses seed drill	1	1	0	0	0	0	44	4	0	0
kawardha		OFC	AEG	Uses Power tiller	1	1	0	0	4	0	0	0	11	0
kawardha		OFC	AEG	Uses Power reaper	1	1	0	0	0	0	0	0	17	0
kawardha		OFC	CRP	Crop Diversification	1	1								
kawardha		OFC	CRP	Water management	1	1								
kawardha		OFC	CRP	Nursery Management	1	1								
kawardha		OFC	CRP	Seed Production	1	1								
kawardha		OFC	CRP	Integrated crop management	1	1								

**Table 5.2. 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							
					Gen		SC		ST		Others	
					M	F	M	F	M	F	M	F
Kawardha	Importance of livestock in agriculture sector and its management	LPM	Income generation	1	0	1	4	0	3	3	10	4
Kawardha	Integrated farming system	FIS	Income	1	1	1	2	2	3	3	12	3

			generation									
kawardha	Preparation of tomato ketchup	HOV	Income generation	1	0	0	0	0	0	0	10	18
kawardha	Production technology of vegetable crops	HOV	Income generation	1	5	0	5	1	7	1	11	9
kawardha	Post harvest technology of Vegetables and Fruits	HOF	Income generation	1	7	1	5	1	3	4	20	1
kawardha	Mushroom Production	PLP	Income generation	1	5	2	3	2	2	3	24	12

**Table 5.3. 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 elsewhere
		Type of units	Number of units	Number of persons employed	
Kawardha	Composite Fish culture				
Kawardha	Integrated fish farming				
Kawardha	Integrated farming system				
Kawardha	Integrated farming system				
Kawardha	Integrated farming system				
Kawardha	Integrated farming system				
Kawardha	Repair and maintenance of sprayer and duster implements				
Kawardha	Fruit and vegetable preservation				

**Table 5.4. 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.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Kawardha	Off-season vegetables production	HOV		FW	1	1	0	0	1	2	2	1	14	0	Dept. of Ag.	
	Vegetable production technology	HOV		FW	1	1	0	0	1	2	2	1	14	0	Dept. of Ag.	
	Micro irrigation systems of orchards tomato	HOF		FW	1	1	0	0	1	2	2	1	14	0	Dept. of Ag.	
	Training & pruning in fruit crops	HOF		FW	1	1	0	0	13	2	2	1	2	0	Dept. of Ag.	
	Layout and management of orchard	HOF		FW	1	1	3	0	1	2	10	1	3	0	Dept. of Ag.	
	Use of drips in orchard	HOF		FW	1	1	0	0	1	2	2	1	14	0	ATMA	
	Plant propagation techniques	HOF		FW	1	1	0	0	1	2	2	1	14	0	ATMA	
	Processing and value addition	HOT		FW	1	1	4	0	4	2	0	1	9	2	ATMA	
	Nursery Management	CP		FW	1	1	0	0	1	2	2	1	14	0	ATMA	
	Seed Production	CP		FW	1	1	2	0	12	2	2	1	10	0	ATMA	
	Integrated crop management	CP		FW	1	1	13	0	1	2	2	1	0	0	ATMA	
	Production of organic inputs	CP		FW	1	1	0	0	1	2	2	1	14	0	ATMA	
	Care and Buffalo management of cow and	LPM		FW	1	1	0	0	1	2	14	1	2	0	ATMA	
	Vaccination and control measure	LPM		FW	1	1	0	0	1	1	13	1	5	0	ATMA	
	Control of Ecto and Endo Parasites	LPM		FW	1	1	15	0	1	2	0	0	3	0	ATMA	
	Integrated Pest Management	PLP		FW	1	1	8	0	1	2	2	1	7	0	ATMA	
	Production of bio control agents and bio pesticides	PLP		FW	1	1	0	0	1	2	2	1	8	0	ATMA	
	Insect Pest of Sugarcane	PLP		FW	1	1	0	0	1	2	2	1	6	0	ATMA	
	Diseases of Sugarcane	PLP		FW	1	1	0	0	1	2	2	1	9	0	ATMA	
	Diseases of Vegetable crop	PLP		FW	1	1	0	0	1	2	2	1	7	0	ATMA	

	Disease and Insect of Pulse crop	PLP		FW	1	1	4	0	1	2	2	1	8	0	ATMA	
	Integrated fish farming	FIS		FW	1	1	0	0	1	2	2	1	12	0	ATMA	
	Carp breeding and hatchery management	FIS		FW	1	1	14	0	1	2	2	1	1	0	Dept. of Ag.	
	Fish diseases	FIS		FW	1	1	0	0	1	2	2	1	14	0	Dept. of Ag.	
	Nursery rearing of Fish	FIS		FW	1	1	0	0	1	2	2	1	14	0	Dept. of Ag.	
	Uses Seed drill introduction	AEG		FW	1	1	0	0	1	2	2	1	14	0	Dept. of Ag.	
	Off-season vegetables production	HOV		FW	1	1	0	0	1	2	2	1	14	0	Dept. of Ag.	
	Vegetable production technology	HOV		FW	1	1	0	0	1	2	2	1	14	0	Dept. of Ag.	

**Table 5.5 Training Programmes for Panchayatiraj Institutions Office-bearers & members**

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/RY/IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Kawardha	Crop Diversification	CP		IS	05	02										

**Table 5.6 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	Trichoderma Production Technology	50	15	60					100ha ,25 person adopted , 55 % knowledge increased, Rs. 2500extra income

Kawardha	Mushroom Production	50	22	75					20 person adopted , 45 % knowledge increased, Rs. 1500extra income
Kawardha	Seed production of Chickpea	50	10	65	15	25	40000	60000	200 ha, 20 person adopted, 70% knowledge increased.
Kawardha	Vermiculture	45	20	60					4 person adopted, 60 % knowledge increased, Rs one lac extra income
Kawardha	Nursery Management of Horticultural crops	45	40	80					10 person adopted, 90 % knowledge increased, Rs 25000 extra income

**6. EXTENSION ACTIVITIES**

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topics	Crop Stages
				M	F	M	F	M	F			
Kawardha	Field Day	8	6	237	42	256	95	15	5	To tell the farmers & RAEOs about cultivation of crops and management of insects and diseases		
	Kisan Mela	2	4	615	216	896	630	59	36	To let the farmers of the district know about New Ag. Technology		

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	Topics	Crop Stages
				M	F	M	F	M	F			
	Kisan Ghosthi	10	26	240	130	180	175	55	44	To let the farmers of the district know about New Ag. Technology		
	Exhibition	2	6	777	529	317	276	4	3	To let the farmers of the district know about New Ag. Technology		
	Film Show	00								Crop Production and Protection		
	Method Demonstrations	15	10	06	65	10	25			Seed		

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	Topics	Crop Stages
				M	F	M	F	M	F			
										sowing by Seed Drill, Planting System of fruit crops, Soil sampling		
	Farmers Seminar	8	02	72	-	4	-	3	1	-		
	Workshop	12	12							Discuss with agriculture and allied department concern of major constraint and opportunity		
	Group meetings	25								To know about		



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	Topics	Crop Stages
				M	F	M	F	M	F			
										the need assessment for trainings		
	Lectures delivered as resource persons	50	50	mass						To tell about cultivation practices of crops, to solve seasonal problems related to insect/pests & diseases of crops		
	Newspaper coverage	60	64	mass						Seasonal proble		

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	Topics	Crop Stages
				M	F	M	F	M	F			
										ms, their remedy and KVK activities		
	Radio talks	00										
	TV talks	00										
	Popular articles	15	8									
	Extension Literature	10	12	MASS								
	Farm advisory Services	00	48	MASS								
	Scientific visit to farmers field	50	45	145	56	120	35	10	3	Seasonal problem related to insect/pest and diseases of crop		
	Farmers visit to KVK	1000		202	98	172	145	15	10	To Enquire about cultivation practices of		

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	Topics	Crop Stages
				M	F	M	F	M	F			
										crop, source 7 availability of seeds problem related to pest and diseases of crops		
	Diagnostic visits	50	45	123	92	66	23	4	3			
	Exposure visits	12	2	38	0	3	0	1	1			
	Ex-trainees Sammelan	5	4	200	25	65	10	10	2			
	Soil health Camp	2	1	25	6	23	8	14	6			
	Animal Health Camp	1	1	19	1	3	0	1	1			
	Agri mobile clinic	00										
	Soil test campaigns	5	2	85	12	145	10	15	5			
	Farm Science Club conveners meet	00										
	Self Help Group conveners meetings	5	7									
	Mahila Mandals conveners meetings	00										
	Celebration of important days (World environment day)	30	29	105	34	59	66	6	4			

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

### 7.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
	01 April, 2008	Quarterly	4000	3566

### 7.2 Literature developed/published

KVK Name	Type	Title	Author's name	Number of copies
Kawardha	Bulletin	Samnvit prabandhan dwara alsi fasal paudh surksha	Dr. B.P.Tripathi and others	1000
Kawardha	Bulletin	Arhar utpadan ki unnat taknik	B.S.Parihar and Others	1000
Kawardha	Bulletin	Chhane ki bipul utpadan taknik	Dr.B.P.Tripathi and Others	1000
Kawardha	Bulletin	Masoor ki unnat kast ttaknik	Smt Swati Sharma and Others	1000
Kawardha	Bulletin	Sarson me akikrit paudh surksha	Er.T.S.Sonwani and others	1000
Kawardha	Bulletin	Soybeen utpadan prodyoki	B.S.Parihar and Others	1000
Kawardha	Bulletin	Samnvit prabandhan dwara alsi fasal paudh surksha	Dr. B.P.Tripathi and others	1000
Kawardha	Article	Fish cum duck production	Manisha and Others	-
Kawardha	Article	Important of water for fish production	Manisha and Others	
Kawardha	Article	Indian goat breed and its important	Dr.N.Ramteke and others	
Kawardha	Article	Round the year fodder production technology	Dr.N.Ramteke and others	
Kawardha	Article	Backyard farming system	Dr.N.Ramteke and others	
Kawardha	Article	Mabesiyo me hone wale sancramak rog awam nidan	Dr.N.Ramteke and others	
Kawardha	Article	Briler utpadan me barte sawdhani	Dr.N.Ramteke and others	
Kawardha	Article	Batakh palan kar dhohara labh kamaiye	Dr.N.Ramteke and others	

### 7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
	DVD	Kharif Kisan Mela (PM Phasal bima yojna)	1

	DVD	Rabi Kisan Mela	1
	DVD	Crop cafetariya	1
	DVD	Field Day	1
	DVD	KVK, Farm Kharif	1
	DVD	KVK Farm Rabi	1

## 8. Production and supply of Technological products

### 8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Quantity (qt.)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Kawardha	Oilseed	Soybean	JS-9560, JS-9752	141.50	-	300	120
	Pulses	Pigeon pea	Asha	20.20	-	75	30
	Pulses	Chickpea	JAKI-9218	793.60	-	2000	800

### 8.2 Planting Material production

KVK Name	Major group/class	Crop	Variety	Nos.	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Kawardha	Chas Crop	Sugarcane	-	150q	Nil	8	10
	Horticulture	Tamato	Arka Rakshak	100q			

### 8.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.) \* Name of product should follow same pattern and spelled correct

KVK Name	Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (In Kg)	Qty (In No)	Value (Rs.)	Provided to No. of Farmers	Expected area coverage (ha.)
Kawardha	Bio Agents	Trichoderma	200kg				
	Bio Agents						
	Bio Fertilizer						
	Bio Fertilizer						

#### 8.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Breed	Type of Produce	Qty. (kg/qt./litre )	Value (Rs.)	No. of Beneficiaries
Kawardha	Nil					

#### 9. Activities of Soil and Water Testing Laboratory

##### 9.1 Details of soil samples analyzed so far :

KVK Name	Status of establishment of Lab	Year of establishment	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Soil report distributed to the farmers (Nos)
Kawardha	To be established	2016-17	Three hundred Samples tested from mini lab and rest from other labs.	1731	12297	25	-	Yes

##### 9.2 Details of water samples analyzed so far :

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

### 10. Rainwater Harvesting

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

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

### 11. Utilization of Farmers Hostel facilities

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)	Accommodation available (No. of beds)

### 12. Utilization of Staff Quarters facilities

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

### 13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Kawardha	16.06.2016	50	

### 14. Status of Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages sent	No. of beneficiary		Sponsoring agency (NIC, Farmers Portal, etc.)	Major recommendations
		Farmers	Ext. Pers.		
Kawardha	32	24350	100	Farmers Portal	Crop cultivation, IPM, IDM, weather information and others

### 15. Status of 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	TSP	Central		Conducted front line demonstrations	Tribal villages of Kabirdham district	
Kawardha	Others (Plz. Specify) - TSP	IIPR, Kanpur	248000.00	FLD, Field Day, Ag. Exhibition	S. Lohara, Bodla Block	-
Kawardha	N.F.S.M (Cluster demonstration on Chickpea and Lentil)	Central	802500.00	FLD, Field Day, Ag. Exhibition -	Kawardha-	-
Kawardha	NMOOP (Cluster demonstration on Mustard /Rapeseed and Linseed)	Central	81000.00	FLD, Field Day, Ag. Exhibition	Bodla, Kawardha	-
Kawardha	Soil Health card Scheme	IGKV, Raipur		-	-	-
Kawardha	VTP Training	CSSDA, Raipur	46800.00	Training on fruit and vegetable preservation, and repair and maintenance of sprayer and duster	-	-
Kawardha	TSP -LTFE	Dept, of Soil Science	140000.00	FLD, Field Day, Ag. Exhibition	S. Lohara, Bodla Block	

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

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Kawardha	32017886366	1296019	2263538	2263538



## 17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Kawardha	Swami Shardanand Saraswati Krishak Abhiruchi Samuh	Group	Dept.Agri.(ATMA)	20000.00
Kawardha	Siyaram Machuwara Swa Sahayata Samuh	Group	Dept.Agri.(ATMA)	20000.00
Kawardha	Vananchal Mahuva Sahkari Samiti Maryadit Chatri	Group	Dept.Agri.(ATMA)	20000.00
Kawardha	Shri.Gyan Singh Rajput	State Level	Dept.Agri.(ATMA)	25000.00
Kawardha	Shri.Amrit Sinha	State Level	Dept.Agri.(ATMA)	25000.00
Kawardha	Shri.Basdev Sahu	State Level	Dept.Agri.(ATMA)	25000.00
Kawardha	Shri.Vedram Masram	State Level	Dept.Agri.(ATMA)	25000.00
Kawardha	Shri.Santosh Kasyap	State Level	Dept.Agri.(ATMA)	25000.00
Kawardha	Shri.Bhagwani ram sahu	State Level	Dept.Agri.(ATMA)	25000.00
Kawardha	Shri.Tekram Durve	State Level	Dept.Agri.(ATMA)	25000.00
Kawardha	Shri.Sukhchand Yadav	State Level	Dept.Agri.(ATMA)	25000.00
Kawardha	Shri.Ram	State Level	Dept.Agri.(ATMA)	25000.00
Kawardha	Shri.Kewal Ram	State Level	Dept.Agri.(ATMA)	25000.00
Kawardha	Shri.Dhanau Ram Dhurve	Block level	Dept.Agri.(ATMA)	10000.00
Kawardha	Shri.Bhagirathi	Block level	Dept.Agri.(ATMA)	10000.00
Kawardha	Shri.Komal simgh Chandroul	Block level	Dept.Agri.(ATMA)	10000.00
Kawardha	Shri.Ramkumar Dhritlahre	Block level	Dept.Agri.(ATMA)	10000.00
Kawardha	Shri.Mahesh chandravanshi	Block level	Dept.Agri.(ATMA)	10000.00
Kawardha	Shri.Govardhan Ongare	Block level	Dept.Agri.(ATMA)	10000.00
Kawardha	Shri.Pravin Sharma	Block level	Dept.Agri.(ATMA)	10000.00
Kawardha	Shri.Dilip Sahu	Block level	Dept.Agri.(ATMA)	10000.00
Kawardha	Shri.Sanjay Yadav	Block level	Dept.Agri.(ATMA)	10000.00
Kawardha	Shri.Vivek Das Vaishnav	Block level	Dept.Agri.(ATMA)	10000.00
Kawardha	Shri.Durga Charan	Block level	Dept.Agri.(ATMA)	10000.00
Kawardha	Shri.Manish Dadsena	Block level	Dept.Agri.(ATMA)	10000.00
Kawardha	Smt..Durpati Bai	Block level	Dept.Agri.(ATMA)	10000.00
Kawardha	Shri.Naradram	Block level	Dept.Agri.(ATMA)	10000.00
Kawardha	Shri.Ram dhurve	Block level	Dept.Agri.(ATMA)	10000.00
Kawardha	Smt..Kumari Bai	Block level	Dept.Agri.(ATMA)	10000.00

### 18. Details of KVK Agro-technological Park.

#### a) Have you prepared layout plan, where sent?

S.No.	Name of KVK	Technology park proposal developed(yes/no)	If yes, where sent? (ZPD/DES/any other, pl. sp.)

#### b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Kawardha	Crop Cafeteria	05
	Technology Desk	-
	Visitors Gallery	04
	Technology Exhibition	10
	Technology Gate-Valve	-

#### c). Crop Cafeteria-

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Crop Cafeteria	05
2	Technology Desk	-
3	Visitors Gallery	04
4	Technology Exhibition	10
5	Technology Gate-Valve	-

### 19. Farm Innovators- list of 10 Farm Innovators from the District

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farmer with Mobile No.
1	Kawardha	Shri. Banshiram Nisad	Poultry farming	Vill. – Newari Post - Kawardha Block - Kawardha District - Kabirdham

				Mo. N.- 8305970626
2	Kawardha	Shri. Sanjay Vaishnaw	Oil seed and pulse production	Vill.- Dongariya Khurd, Post- Bharewapuran Block - Pandariya District - Kabirdham Mo. No. -9752109520
3	Kawardha	Shri. Kaushal Kishor Das Vaishnaw	Banana cultivation	Vill- Karesara, Post- Udiyakhurd, Block- S. Lohara District- Kabirdham Mo. No. -8959860768
4	Kawardha	Shri. Balaram Chandravanshi	Intercropping in sugarcane	Vill.- Charbhata Khurd, Post - Pandatarai Block - Pandariya District - Kabirdham MO. NO.- 9111129293
5	Kawardha	Shri. Netram Chandrawanshi	Oil seed and pulse production	Vill.- Dharampura, Post - Kawardha Block - Kawardha District - Kabirdham MO. NO.- 9407731134
6	Kawardha	Shri. Mahesh Chandrawanshi	Rabi Pulses Production	Vill- Banjhimuda, Post-Kawardha Block-Kawardha District-Kabirdham MO.NO.-9993241067
7	Kawardha	Shri. Sanjay Chandrawanshi	Rabi Pulses Production	Vill- Gangpur, Post-Kawardha Block-Kawardha District-Kabirdham MO.NO.-9993409115
8	Kawardha	Shri. Dinesh Markam	Pulse production	Vill- Singpur, Post-Pandariya Block-Pandariya District-Kabirdham MO.NO.-7247350086
9	Kawardha	Shri. Bedram Jaiswal	Localy production of Trichoderma	Vill- Khairjhiti, Post-Kawardha Block-Kawardha District-Kabirdham MO.NO.-9755893407
10	Kawardha	Shri. Jaganath dhruwe	Crop Production	Vill- Chilamkhodra, Post-Odiyakhurd Block-S.Lohara District-Kabirdham MO.NO.-7869092951

**20. KVK interaction with progressive farmers**

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated
1	14.5.16,16.5.16,19.5.16,23.5.16,24.5.16,26.5.16,31.5.16,4.6.15,14.6.16,	45
2	30.6.16,4.7.16,5.7.16,12.7.16,14.7.16,18.7.16,21.7.16,22.7.16,23.7.16,	55

**21. Outreach of KVK**

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Kawardha	04	04	45	87

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

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

Sr. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt
1	Urd bean	4.00ha	5	-
2	Pigeon pea	8.00ha	5	-
3	Chickpea	20.00ha	5	-

**23. KVK Ring**

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1	KVK, Rajnadgaon	Experts, exposure activities and sharing views etc.	
2	KVK, Bhatapara	Experts, exposure activities and sharing views etc.	

## 24. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Kawardha	Shri Abhishek Singh	05.04.2016			Parliamentary Secretary	
Kawardha	Dr. M. K. Chandrakar	01.08.2016		M. D. Seed Certified		
Kawardha	Dr. Sanjay Gupta,	01.08.2016	ICAR Indian Institute of Soybean Research , Indore			
Kawardha	Dr. Premchand ,	20.09.2016	Scientist (Sr. Scale) , ICAR-ATARI Jabalpur			
Kawardha	Shri Santosh Patel ,	24.09.2016			President , Jila Panchayat, Kabirdham	
Kawardha	Dr S. K. Patil	03.10.2016		Vice Chancellor, IGKV Raipur		
Kawardha	Shri Santosh Patel ,	08.10.2016			President , Jila Panchayat, Kabirdham	
Kawardha	Dr. Vivek Kumar Tripathi	19.10.2016		ADR, IGKV Raipur		
Kawardha	Dr. A. K. Sarawgi ,	19.10.2016		Professor and Head Department of Genetics and Plant Breeding , CoA , IGKV , Raipur		
Kawardha	DR SADHURAM SHARMA,	25.10.2016	EX SUGARCANE COMMISSIONOR M.P. & OTHERS SUGARCANE			
Kawardha	Dr J. S. URKURKAR, DIRECTOR	25.10.2016		RESEARCH, IGKV RAIPUR		
Kawardha	DR G. K. AWADHIYA,	07.11.2016		PROF. & HEAD DEPPT. OF PLANT PATHOLOGY		
Kawardha	SHRI RISHIKESH PANDEY, DWARIKAPURI,	17.11.2016		NAWADIH SIPAT SADASYA, PRABANDH MANDAL , INDIRAGANDHI KRISHI VISHWAVIDYALAYA, BILASPUR		
Kawardha	Shri Ashok Sahu	05.12.2016			MLA, Kawardha	
Kawardha	Shri Siyaram Sahu	05.12.2016			President, CG Rajya Pichhada varg aayog	
Kawardha	Shri P.K.Mishra	05.12.2016			Additional Collector District -Kabirdham	
Kawardha	Shri Santosh Patel	05.12.2016			President, Jila Panchayat Kabirdham	
Kawardha	Shri Visheshar Patel	05.12.2016			President, CG Rajya Gau Sewa Ayog	
Kawardha	Shri Bhuvneshwar Chandrakar	05.12.2016				
Kawardha	Shri Ajeet Chandravanshi	05.12.2016			Member, CG Rajya Krishak Kalyan Parishad	

Kawardha	Shri Mannu Ram Chandravanshi	05.12.2016			Sabhapati, Krishi Sthayi Samiti, Jila Panchayat Kabirdham
Kawardha	Dr. S. R. K. Singh,	09.12.2016	Principal Scientist, ICAR – ATARI, Jabalpur		
Kawardha	Divya Sahare,	14.01.2017	STA, Directorate of Pulses Development, GOI, Bhopal (M. P.)		
Kawardha	Shri Santosh Patel,	21.02.2017			President , Jila Panchayat, Kabirdham
Kawardha	Shri Ajit Chandravnsni,	21.02.2017			Sadasya , CG Rajya Beej Kalyan Parishad
Kawardha	Smt Sushma Chandravnsni	21.02.2017			
Kawardha	Smt Nirupama Chandrakar,	21.02.2017		Sadasya Prabandh Mandal , IGKV Raipur	
Kawardha	Dr Satyapal Singh,	21.02.2017		Anusandhan Sahayak, Paudha Kism evam Krishak Adhikar Pradhikaran Paroyojana, IGKV Raipur	

### 25. Status of KVK Website:

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Kawardha	04.02.2014	35	2919

### 26. E-CONNECTIVITY

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

### 27. Status of RTI

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

**28. Status of Citizen Charter**

Sr. No.	Name of KVK	Query received( Nos)	Query Disposed( Nos)	Remarks
	Nil			

**29. Attended HRD Programmes organized by ZPD**

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
	Nil			
	<b>Total</b>			

Name of KVK	Total Number of staff Attended HRD Programme organized by ZPD (nos)	Total Number of Programme attended (Nos)

**30. Attended HRD Programmes organized by DES**

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)

**31. Attended HRD Programmes by KVK Staff (Refresher course, Short course, Training programme etc.)**

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Remarks

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)

**32. Agri alert report (Epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)**

Name of KVK	Alert observed	Particulars	Reported to organization
Kawardha	Nil		

**33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS**

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

**34. INTERVENTIONS ON DROUGHT MITIGATION**

**Introduction of alternate crops/varieties**

Name of KVK	Crops/cultivars	Area (ha)	Number of beneficiaries
Kawardha	Nil		

**Major area coverage under alternate crops/varieties**

Name of KVK	Crops	Area (ha)	Number of beneficiaries

**Farmers-scientists interaction on livestock management**

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



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### Animal health camps organized

Name of KVK	Number of camps	No.of animals	No.of farmers
Kawardha	1	150	25

### Seed distribution in drought hit states

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

### Seedlings and Saplings distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
<b>Seedlings</b>				
	Nil			

### Bio-control Agents

Name of KVK	Bio-control Agents	Quantity (q)	Coverage of Area (ha)	No. of farmers
Kawardha	Trichoderma	1 q	8 ha	25

### Bio-Fertilizer

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

### Vermis Produced

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

### Large scale adoption of resource conservation technologies

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

### Awareness campaign

Name of KVK	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers
Kawardha	1											
Total 274	2											
	3											
	4											

## 35. Proposal of NICRA

### 1. Technologies to be Demonstrated

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

### 2. Proposed Extension Activities in NICRA Village

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

### 3. Proposed Training Activities in NICRA Village

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

### 4. Proposed Activities for Fodder Bank

Established (Years)	Capacity	Current Status

**5. Proposed Activities for Seed Bank**

<b>Established (Years)</b>	<b>Capacity</b>	<b>Current Status</b>

**6. Public Representative/District Administration Visited in NICRA Village**

<b>Name of Representative/Officer</b>	<b>Designation</b>	<b>Date of Visit</b>	<b>Any Special Remark by Visitors</b>

**7. Feedback of Farmers for future improvement, if any.**

**36. Proposed works under NAIP (in NAIP monitoring format)**

**37. 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

<b>Sr. no.</b>	<b>Name of KVK</b>	<b>No. of success stories</b>	<b>No. of case studies</b>
<b>1</b>	<b>KAWARDHA</b>	<b>2</b>	

## Success Story

### सफल एवं नवाचारी कृषकों के कार्यों का विवरण



जिन क्षेत्रों में ध्यान केन्द्रित किया गया है :- मुर्गी पालन एवं उद्यानिकी नवाचारक कृषक का विवरण

1. नाम – श्री बंशीलाल निषाद ग्राम – नेवारी पोष्ट – कवर्धा तहसील – कवर्धा जिला – कबीरधाम (छ.ग.)
2. शैक्षणिक योग्यता (पांचवीं/आठवीं/हाई स्कूल/स्नातक/स्नातकोत्तर/अन्य)– स्नातक
3. वार्षिक आय– 2.00 लाख
4. कुल कार्य अनुभव (वर्षों में)– तीन वर्ष
5. नवाचार कार्य का प्रारम्भ वर्ष– 2012
6. कार्यक्षेत्र– मुर्गी पालन
7. कुल वार्षिक बिक्री– 101000/-
8. आगामी विस्तार योजना– ब्रायलर मुर्गी पालन करना
9. रोजगार में लगे कर्मचारियों की संख्या–03
10. सम्पर्क विवरण (मोबा. नं./दूरभाष नं./ईमेल)– 8305970626

बिजनेस मॉडल : बैकयार्ड मुर्गी पालन + उद्यानिकी + मत्स्य पालन

नवाचार का विवरण (फोटो संलग्न करें) : श्री बंशीलाल निषाद कृषि कार्यों में संलग्न है, इन्होंने कृषि के साथ- साथ अतिरिक्त आमदनी के लिए, कृषि विज्ञान केन्द्र, कवर्धा के मार्गदर्शन एवं प्रशिक्षण लेकर मुर्गी पालन प्रारंभ किया। पहले 50 मुर्गी (देशी नस्ल) कय कर व्यवसाय की शुरुआत की वर्तमान में इनके पास 200 से अधिक मुर्गीयाँ है, जिनको विक्रय कर कृषि के साथ अतिरिक्त लाभ कमा रहे है।

विवरण	मांस उत्पादन (Kg)	अंडा उत्पादन(No.)
कुल उत्पादन	225	1200
कुल बिक्री	90000	24000
लागत	6000	7000
शुद्ध लाभ	84000	17000



- नवाचार तकनीकी का प्रभाव :
1. कृषि के साथ मुर्गीपालन करने से आय में वृद्धि।
  2. मुर्गी खाद का उपयोग करने से सब्जी उत्पादन में वृद्धि।
  3. कृषि में खाद की लागत में कमी।
  4. इस व्यवसाय को महिलाओं के द्वारा आसानी से किया जा सकता है
  5. मुर्गी एवं अण्डा प्रोटीन का अच्छा स्रोत होने के कारण कुपोषण से बचाव

विशिष्ट पहचान/ईनाम :-

आने वाली प्रमुख समस्याएँ (मुद्दे)  
(बिन्दुवार जानकारी दें)

1. मुर्गी शेड की आवश्यकता है
2. गर्मियों में पानी की कमी।

## Success Story

### सफल एवं नवाचारी कृषकों के कार्यों का विवरण



जिन क्षेत्रों में ध्यान केन्द्रित किया गया है :- समन्वित कीट प्रबंधन  
नवाचारक कृषक का विवरण

11. नाम – श्री कौशल वैष्णव
12. शैक्षणिक योग्यता (पांचवीं/आठवीं/हाई स्कूल/स्नातक/स्नातकोत्तर/अन्य)– स्नातक
13. वार्षिक आय– 2.00 लाख
14. कुल कार्य अनुभव (वर्षों में)– 10 वर्ष
15. नवाचार कार्य का प्रारम्भ वर्ष– 2013
16. कार्यक्षेत्र– कृषि
17. कुल वार्षिक बिक्री– 5.00 लाख
18. आगामी विस्तार योजना– समन्वित कीट प्रबंधन
19. रोजगार में लगे कर्मचारियों की संख्या–05
20. सम्पर्क विवरण (मोबा. नं./दूरभाष नं./ईमेल)– 8959860768

बिजनेस मॉडल : जैविक फल व सब्जी उत्पादन, समन्वित फसल प्रबंधन द्वारा फसलों/उत्पादन

नवाचार का विवरण (फोटो संलग्न करें) : नवोन्वेशी कृषक श्री कौशल वैष्णव 5 हेक्टेयर में हाइब्रिड सब्जियों जैसे टमाटर, बैंगन, मिर्च, लौकी, फुलगोभी आदि लगाते हैं। सब्जियों में कीटों के नियंत्रण के लिए रसायनिक दवा से लागत ज्यादा आती है अतः श्री वैष्णव तम्बाकू के रस का प्रयोग सब्जियों में इल्ली, माहों आदि के नियंत्रण में करते हैं। एक किलो तम्बाकू को 45-50 लीटर पानी में दो दिन भिगोकर छान लेते हैं। फिर इस पानी का उपयोग एक एकड़ फसल के लिए एक सप्ताह के अंतराल पर दो या तीन बार छिड़काव करते हैं। सब्जियों के खेती में तम्बाकू के रस का असर 24 घंटे में दिखाई देने लगता है।

साथ ही श्री वैष्णव फसल, सब्जी उत्पादन में भी रसायनिक कीटनाशक दवाओं की लागत को कम करने के लिए प्रतिदिन 3 लीटर ताजा गौमूत्र मटके में एकत्र करते हैं तथा 15 दिन के बाद धतूरा, नीम, आक की पत्ती, 20-25 ग्राम तम्बाकू पत्ती, 25 ग्राम मिर्च पावडर कूटकर गौमूत्र में डालकर तैयार करते हैं। 10-15 लीटर/एकड़ गौमूत्र का उपयोग धान की नर्सरी, बाली अवस्था में तथा चना, सब्जियों में लगने वाले कीटों के लिए उपयोग करते हैं। श्री कौशल वैष्णव रसायनिक कीटनाशक दवाओं की लागत कम करने के लिए कृषि विज्ञान केन्द्र, कवर्धा द्वारा आयोजित प्रशिक्षण कार्यक्रम व कृषि वैज्ञानिकों के तकनीकी मार्गदर्शन से प्रेरित होकर नवीन तकनीकों को खेती में अमल कर कम उत्पादन में अधिक आय प्राप्त कर रहे हैं।

नवाचार तकनीकी का प्रभाव : धान्य, दलहन, तिलहन फसलों के साथ-साथ सब्जियों में उपरोक्त कीटनाशी का उपयोग करने से निम्नलिखित प्रभाव हुए।

1. उपलब्ध संसाधनों का प्रभावकारी उपयोग
2. उत्पादन लागत में कमी से मजबूत आर्थिक स्थिति
3. घरेलू स्तर पर कीट नियंत्रण
4. कीटनाशी का विकल्प
5. नई सोच से अधिक उत्पादन
6. उर्वरकों का कम उपयोग
7. फसल सघनता में वृद्धि

क्रमांक	फसल	पूर्व स्थिति (रसायनिक दवा / उर्वरक लागत)	वर्तमान स्थिति (स्वनिर्मित कीटनाशक)
1	धान	4000 रु. प्रति एकड़ (रसायनिक दवा)	1000 रु. प्रति एकड़
2	फल व सब्जी	7000 रु. प्रति एकड़ (रसायनिक दवा)	2500 रु. प्रति एकड़
3	धान	2 बैग यूरिया प्रति एकड़	1 बैग यूरिया प्रति एकड़
4	सब्जी	3 बैग यूरिया प्रति एकड़	1 बैग यूरिया प्रति एकड़

विशिष्ट पहचान/ईनाम :-

आने वाली प्रमुख समस्याएँ (मुद्दे)

(बिन्दुवार जानकारी दें)

1. जैविक व समन्वित प्रबंधन के लिए उपलब्ध संसाधनों की कमी।

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

**PHOTOGRAPH OF EACH ACTIVITY 2016-17**



# CROP CAFETERIA 2016-17

## CROP CAFETERIA OF SOYBEAN



## CROP CAFETERIA OF PADDY



## CROP CAFETERIA OF CHICKPEA 2016-17



## CROP CAFETERIA OF SUGARCANE





### CROP CAFETERIA OF LINSEED 2016-17



### CROP CAFETERIA OF GREENGRAM



### CROP CAFETERIA OF MUNG, PEA AND WHEAT 2016-17

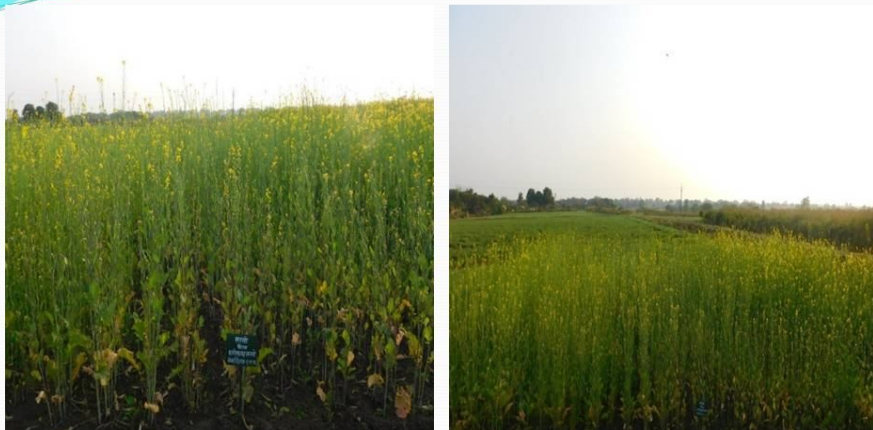


### CROP CAFETERIA OF WHEAT 2016-17





### CROP CAFETERIA OF MUSTARD 2016-17



### CHICKPEA



## KVK FARM 2016-17

### DEMONSTRATION OF INDIRA SOYA SEED DRILL AT KVK FARM



### DEMONSTRATION OF RAISED BED PLANTER





### SEED PRODUCTION PROGRAMME OF SOYBEAN



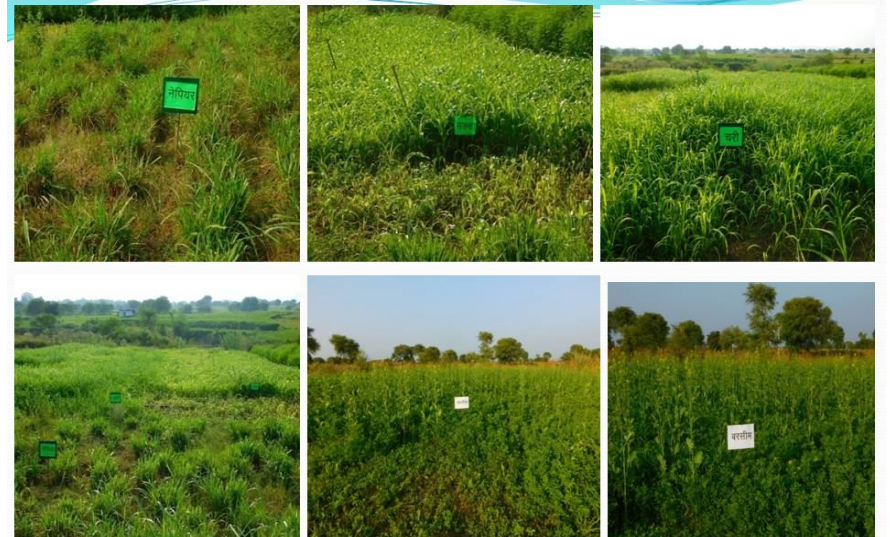
### SEED PRODUCTION PROGRAMME OF CHICKPEA 2016-17



### SEED PRODUCTION PROGRAMME OF CHICKPEA 2016-17



### FODDER CROP





### SEED PRODUCTION PROGRAMME OF PIGEON PEA



### DEMONSTRATION OF MULTI CROP SEED CUM FERTILIZER DRILL



### FISH CUM DUCK FARMING AT KVK POND



### WHEAT HARVESTING ON REAPER





# TRIBAL SUB PLAN 2016-17

## TRIBAL SUB PLAN 2016-17



## FLD UNDER TSP





# CLUSTER DEMONSTRATION ON OILSEED AND PULSES 2016-17

## CFLD ON MUSTARD



## CFLD ON PULSES



## CFLD ON CHICKPEA



## CFLD ON LENTIL





### CFLD ON MOONG



### CFLD ON PIGEON PEA



### CFLD ON PIGEON PEA



### CFLD ON PULSES





### CFLD ON RABI PIGEON PEA



### MONITORING OF CFLD



### MONITORING OF CFLD BY ATARI DEAM



### MONITORING OF CFLD BY IGKV, TEAM





**MONITORING TEAM VISIT CLUSTER DEMONSTRATION FIELD**  
11.08.2016



**DIAGNOATIC VISIT 2016-17**

**DIAGNOSTIC VISIT 2016-17**



**DIAGNOSTIC VISIT 2016-17**





## ANIMAL HEALTH CAMP 2016-17

### ANIMAL HEALTH CAMP ORGANIZED BY KVK KAWARDHA





# SCIENTIST & FARMERS VISIT TO KVK FARM 2016-17

VILL- KHAIRJHITI FARMERS VISITED KVK FARM ON 19.09.2016



VILL- GANGPUR FARMERS VISITED KVK FARM ON 08.03.2017



STUDENTS FROM NURSING COLLEGE KAWARDHA 23.07.2016



STUDENTS OF KARPATRI SCHOOL KAWARDHA 30.09.2016



VILL- GANGPUR FARMER VISITED KVK 20.10.2016





**S LOHARA FARMERS VISITED KVK FARM 17.10.2016**



**VILL- GANGPUR FARMERS VISITED KVK FARM ON 08.03.2017**



**STUDENTS OF HOLY CROSS SCHOOL KAWARDHA 01.10.2016**



**VILL- TAREGAON JUNGLE FARMERS VISITED KVK FARM ON 29.12.2016**





FARMERS VISITED KVK FARM ON 16.12.2016



SCHOOL STUDENT FROM BEMETARA VISITED KVK ON 26.11.2016





# FIELD DAY ORGANIZED BY KVK KAWARDHA DURING 2016-17

FIELD DAY AT VILLAGE- KAMTHI ON 28.11.2016



FIELD DAY AT VIII- AMANARA, BLOCK -BODLA 11.01.2017



FIELD DAY AT VIII- CHILAMKHODRA ON 15.02.2017



FIELD DAY AT VIII- DONGARIYA KHURD ON 28.02.2017





**FIELD DAY AT VIII- GANGPUR ON 09.03.217**



**FIELD DAY AT KVK KAWARDHA ON 03.10.2017**



**GROUP DISCUSSION AND IN-SERVICE PERSONNEL TRAINING 2016-17**

**GROUP DISCUSSION WITH FARMERS**



**INSERVICE TRAINING PROGRAMME ORGANIZED BY KVK, KAWARDHA**





# KISAN MELA 2016-17

KISAN MELA AT VILL KOILARI, LORMI ON 16.06.2016



KISAN MELA UNDER PMFBY AT KVK ON 05.04.2016



PARTICIPATED IN RASHTRIYAKISAN MELA AT RAIPUR 2016-17



WORLD SOIL HEALTH DAY AT KVK ON 05.12.2016





# OFF CAMPUS TRAINING 2016-17

OFF CAMPUS TRAINING AT VILL- BATURAKACHHAR ON 05.10.2016



OFF CAMPUS TRAINING AT VILL- CHILAMKHODRA ON 18.07.2016



OFF CAMPUS TRAINING AT VILL- KHAIRJHITIKHURD ON 23.07.2016



OFF CAMPUS TRAINING UNDER LOK SURAJ ABHIYAN 2016-17





OFF CAMPUS TRAINING AT VILL- SINGHPUR ON 22.07.2016



SKILL DEVELOPMENT TRAINING AT VILLAGE KOKO ON 13.01.2017



SKILL DEVELOPMENT TRAINING AT VILL- SURAJPURA ON 15.09.2016





# ON CAMPUS TRAINING 2016-17

ON CAMPUS TRAINING AT KVK ON 13.11.2016



KRISHAK SANGHOSTHI AT KVK ON 16.12.2016



KRISHAK SANGHOSTHI AT KVK ON 21.06.2016



KRISHAK SANGHOSTHI AT KVK ON 13.11.2016





**SKILL DEVELOPMENT TRAINING ON INTEGRATED FISH CULTURE UNDER NFDB**



**ON CAMPUS TRAINING ON 15.10.2016**



**ON CAMPUS TRAINING OF VILL- PANEKA FARMERS ON 17.11.2016**



**MONTHLY WORKSHOP 2016-17**





# LIVELIHOOD IN FULL EMPLOYMENT (LIFE) MGNREGA TRAINING 2016-17

## LIFE MGNREGA TRAINING DURING 19-24 SEPTEMBER 2016



## LIFE MGNREGA TRAINING DURING 03-08 OCTOBER 2016



## LIFE MGNREGA TRAINING DURING 17-22 OCTOBER 2016



## LIFE MGNREGA TRAINING DURING 07-11 NOVEMBER 2016





# PARTHENIUM AWARENESS WEEK & IMP. CELEBRATION 2016-17

PARTHENIUM AWARENESS WEEK DURING 16-22.08.2016



CELEBRATION OF SAVIDHAN DIVAS ON 26.11.2016



CELEBRATION OF JAI KISAN JAI VIGYAN WEEK DURING 23-29 DEC 2016



CELEBRATION OF HARIYAR CHHATTISGARH BY KVK, KAWARDHA





# AWARENESS OF SWACHHA BHARAT ABHIYAN 2016-17

AWARENESS OF SWACHHA BHARAT ABHIYAN ON 02.10.2016



AWARENESS OF SWACHHA BHARAT ABHIYAN ON 22.10.2016



SWACHHA BHARAT PAKHWADA ON 16 – 28 OCTOBER 2016





# RURAL YOUTH TRAINING 2016-17

RURAL YOUTH TRAINING OF GOVT. PG COLLEGE KAWARDHA ON 21.11.2016



RY TRAINING OF BHORAMDEO AGR. STUDENT UNDER RAWE PROJECT ON 25.10.2016



MUSHROOM TRAINING AT GOVT. PG COLLEGE KAWARDHA ON 08.02.2017



STUDENT OF SKCARS KAWARDHA UNDER RAWE PROJECT 24.10.2016





# VIP VISIT AT KVK KAWARDHA 2016-17

VIP VISITED AT KVK FARM ON 01.08.2016



VIP VISITED AT KVK FARM ON 17.11.2016



VIP VISITED AT KVK FARM ON 19.10.2016



CLUST. DEMO. TEAM VISIT KVK FARM ON 11.08.2016





**COLLECTOR SIR VISITED KVK FARM ON 27.07.2016**



**DIRECTOR MGNREGA VISITED KVK UNDER LIFE MGNREGA ON 07.10.2016**



**Divya Sahare Visit 14.01.2017**



**DR AWADHIYA SIR VISITED KVK ON 07.2016**





**DR J S URKURKAR, DRS VISITED ON 25.10.2016**



**DR K L NANDEHA VISITED KVK 05.03.2017**



**DR PREMCHAND SIR VISITED ON 20.09.2016**



**DR S R K SINGH ZPD VISITED ON 19.12.2016**





**DR VIVEK TRIPATHI AND SARANGI SIR VISITED KVK FARM 19.10.2016**



**FARM VISIT BY AGRICULTURE OFFICER ON 08.08.2016**



**FARM VISIT BY AGRICULTURE OFFICER ON 12.08.2016**



**Nandeh visit 17.01.2017**





**VISITED KVK FARM ON 13.05.2016**



**TRAINING CUM AWARENESS PROGRAMME ON PPV&FRA ON 21.02.2017**

TRAINING CUM AWARENESS PROGRAMME ON PPV&FRA ON 21.02.2017



TRAINING CUM AWARENESS PROGRAMME ON PPV&FRA ON 21.02.2017





# FLD UNDER LTFE PROJECT 2016-17

# VTP TRAINING 2016-17

## FLD UNDER LTFE PROJECT

## VTP 2016-17



# SEED HUB 2016-17

## SEED HUB 2016-17



## DEMONSTRATED UNDER SEED HUB 2016-17





## FRONT LINE DEMONSTRATION (FLD) 2016-17

**FLD Title** FLD on high yielding variety of Paddy



**FLD Title** FLD on high yielding variety of Soybean



**FLD Title** Demonstration on Seed cum fertilizer Drill for sowing of Soybean



**FLD Title** FLD on high yielding variety of Paddy





**FLD Title** FLD on High Yielding Variety of Chickpea



**FLD Title** FLD on High Yielding Variety of Wheat



**FLD Title** FLD on high yielding variety of Indian Bean



**FLD on Indian Bean Variety – Chhattisgarh Sem-1**

**FLD Title** FLD on high yielding variety Tomato



**FLD on Tomato Variety – Arka Rakshak**



FLD Title

Demonstration on Seed cum fertilizer Drill for sowing of wheat



FLD Title

Demonstration on Seed cum fertilizer Drill for sowing of Chickpea



FLD Title

Demonstration on the effect of herbal oil (Neem and Karanj) to control ecto parasites in dairy animals( non descript cow)



FLD Title

Demonstration on the effect of broad spectrum anthelmintic drug for endo parasite management in milch animal.





**FLD Title** Demonstration Fish Cum duck culture ( Integrated Fish Culture) .



Fish cum duck culture

**FLD Title** Assessment of growth performance of locally available low cost feed in Fish Culture



**FLD Title** FLD on Chemical set treatment for control of Red Rot in Sugarcane





## ON FARM TRIAL (OFT) 2016-17

**OFT Title : Assessment of crop management practices in line sown direct seeded rice**



**OFT Title : Assessment of chemical weed management in Soybean**



**OFT Title : Assessment of Raised bed planter for line sowing of soybean**



**OFT Title : Assessment on self propelled reaper for harvesting of Paddy**





OFT Title : Assessment of high yielding variety of Onion



OFT on Bhima Dark Red

OFT Title : Assessment of high yielding variety of Brinjal



OFT on Brinjal Variety – Chhattisgarh Safed Baigan-1

OFT Title : Assessment of IDM modules for Blast disease of paddy



OFT Title : Assessment of IDM modules for Blast disease of paddy





OFT Title : Assessment of IDM modules for False Smut disease in Paddy



OFT Title : Assessment of IDM modules for False Smut disease in Paddy



OFT Title : Assessment of Rabi pigeon pea



OFT Title : Assessment on self propelled reaper for harvesting of Wheat Crop





OFT Title : Assessment of *Trichodarma viride* for control of chickpea collar rot



OFT Title : Assessment of high yielding variety of Onion



OFT on Bhima Shakti

OFT Title : Assessment on the performance of Kadaknath on backyard system



OFT Title : Assessment on integrated Duck cum fish culture





**OFT Title : Assessment on integrated Duck cum fish culture**



**OFT Title : Assessment on the use of sugarcane tops in feeding of milch animal**



**OFT Title : Assessment on Fish Seed ( Spawn to Fry) production**



Fry production at village pond

**OFT Title : Assessment of fish seed (Fry to Fingerling production**



Fingerlings production in pond







## NEWS PAPER COVERAGE 2016-17

## NEWS PAPER COVERAGE 2016-17

## NEWS PAPER COVERAGE 2016-17

## Publications

Publications	Nos
Popular articles	25
Research papers	2
Research Abstracts	4
Bulletins	6
Leaflets/folders	3
KVK Newsletters	4

