

**FORMAT
FOR
ANNUAL PROGRESS REPORT OF
THE KVKs
IN
ZONE VII**

Contents

Sl. No.	Particular	Page No
	Instructions for Filling the Format	3
	Summary of achievements during the reporting period	4
1	General Information	5-6
2	On Farm Testing	7
3	Achievements of Frontline Demonstrations	8-9
4	Documentation of the need assessment conducted by the KVK for the training programme	10
5	Training programmes	11-12
6	Extension Activities	13
7	Literature Developed/Published (with full title, author & reference)	14
8	Production and supply of Technological products	15-16
9	Activities of Soil and Water Testing Laboratory	16
10	Rainwater Harvesting	16
11	Utilization of Farmer Hostel facilities	17
12	Utilization of Staff Quarter facilities	17
13	Details of SAC Meeting	17
14	Status of Kisan Mobile Advisory	17
15	Status of Convergence with agricultural schemes	18
16.	Status of Revolving Funds	18
17.	Awards & Recognition	18
18.	Case study and Success story	18
19.	Details of KVK Agro-technological Park	19
20.	Important visitors to KVK	19
21.	Status of KVK Website	19
22.	Status of E-connectivity	19
23.	Details of Technological Week Celebration	19-20
24.	Interventions on Drought Mitigation	20-22
25.	Status of KVK Website	22
26.	Action Photographs	22

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. Gray colour cells in summary table need not to be filled.**

REPORTING PERIOD – April 2011 to March, 2012

Summary of achievements during the reporting period

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries	
Janjgir-Champa	OFTs	10	40	11	49	
Janjgir-Champa	FLDs – Oilseeds (activity in ha)	15	20	17.5	24	
Janjgir-Champa	FLDs – Pulses (activity in ha)	10	25	10	26	
Janjgir-Champa	FLDs – Cotton (activity in ha)	0	0	0	0	
Janjgir-Champa	FLDs – Other than Oilseed and pulse crops(activity in ha)	15	30	15.5	34	
Janjgir-Champa	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	02	10	05	14	
Janjgir-Champa	Training-Farmers and farm women	56	1251	30	530	
Janjgir-Champa	Training-Rural youths	03	64	04	89	
Janjgir-Champa	Training- Extension functionaries	02	37	02	90	
Janjgir-Champa	Extension Activities	111	929	12	1441	
Janjgir-Champa	Seed Production (Number of activity as seeds in quintal)			230		425000
Janjgir-Champa	Planting material ((Number of activity as quantity of planting material in quintal)					
Janjgir-Champa	Seedling Production (Number of activity as number of seedlings in numbers)					
Janjgir-Champa	Sapling Production (Number of activity as number of sapling in numbers)					
Janjgir-Champa	Other Bio- products					
Janjgir-Champa	Live stock products					
Janjgir-Champa	SAC Meeting (Date & no. of core/official members	01	25	27, April, 2010	35	
Janjgir-Champa	Newsletters (no.)	04	4000	01	1000	
Janjgir-Champa	Publication (Research papers, popular article)	04	4000	01, 03	1000	
Janjgir-Champa	Convergence programmes / Sponsored programmes	08	320	06	181	
Janjgir-Champa	KVK-ATMA Linkage programme (Number of activities)					
Janjgir-Champa	Outreach of KVK in the District (No. of blocks, no. of villages)	04	1013	04	75	
Janjgir-Champa	Soil sample tested					
Janjgir-Champa	Water sample tested					
Janjgir-Champa	KMA (No. of messages & beneficiaries)			42320	1136	

1. GENERAL INFORMATION

1.1. Staff Position (as on date 31.03.2012)

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/Others)
Janjgir-Champa	Programme Coordinator									
Janjgir-Champa	I/c. PC / SMS	Shri A. Qureshi	Agronomy	Msc(Ag)Agronomy	Agronomy	15600-39100	25810	21/04/05		
Janjgir-Champa	Subject Matter Specialist1	Shri Manish Kumar	Agronomy	Msc(Ag)Agronomy	Agronomy	15600-39100	25810	7/05/05		GEN
Janjgir-Champa	Subject Matter Specialist2	Shri Nitin Kumar Toorray	Plant Pathology	Msc(Ag) Plant Pathology	Plant Pathology	8000-275-13500	12000	26/10/07		OBC
Janjgir-Champa	Subject Matter Specialist3	Shri Smir Shantaiya	Farm Implements and Machines	Mtch Farm Implements and Machines	Farm Implements and Machines	8000-275-13500	12000	27/10/07		SC
Janjgir-Champa	Subject Matter Specialist4	Vacant	Horticulture		Horticulture					
Janjgir-Champa	Subject Matter Specialist5	Vacant	Fisheries		Fisheries					
Janjgir-Champa	Subject Matter Specialist6	Vacant	H .Science		H .Science					
Janjgir-Champa	Programme Assistant	Vacant	Entomology		Entomology					
Janjgir-Champa	Farm Manager	Shri Ashutosh Shrivastava	Agronomy	Msc(Ag)Agronomy	Agronomy	9300-34800	15890	26/02./08		GEN
Janjgir-Champa	Computer Programmer	Vacant								
Janjgir-Champa	Accountant / superintendent	R.K.Pandey		Intermediate		5200-20200	12660	17/8/05		GEN
Janjgir-Champa	Stenographer	Vacant								
Janjgir-Champa	Driver	Vacant								
Janjgir-Champa	Driver	Vacant								
Janjgir-Champa	Supporting staff	R.P.Tandon		10th		4700-7400	7040	10/2/06		SC
Janjgir-Champa	Supporting staff	S.R.Sahu				4700-7400	7040	10.2.06		OBC

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

S. No.	Particular	Unit	Value
1.	Geographical area	ha.	446674
2.	Forest area	ha.	79439
3.	Net cropped area	ha.	260445
4.	Double cropped area	ha.	93730
5.	Total irrigated area	ha.	230400
6.	Cropping Intensity	%	137
7.	Area of major Kharif Crops	ha.	260020
	Rice	ha.	249860
	Maize	ha.	450
	Arhar	ha.	1750
	Urd	ha.	1470
	G Nut	ha.	610
	Sesame	ha.	1050
8.	Area of major Rabi Crops	ha.	93730
	1. Utera crops	ha.	46210
	2.Linseed	ha.	11690
	3.Mustard & Rapeseed	ha.	10120
	4. Gram	ha.	10002
	5.Sunflower	ha.	6900
	6. Summer Rice	ha	6580
	7. Wheat	ha.	6290
	8.Safflower	ha	6100
	9.Winter Maize	ha.	190
9.	Area of major Summer Crops	ha.	6580

District is having two type of Agro-ecological situations viz. irrigated and rainfed. In kharif more than 87% area is irrigated but the cropping intensity is 136%. The district comprises of varying soil groups viz, Bhata (Entisols, 11.3%), Matasi (Inceptisols, 26.6%) Dorsa(Alfisols,33.9%) Kanhar (Vertisols ,28.2%). Farmers of the district are very advance in order to use fertilizer. The fertilizer consumption in the district is 94 N, 40 P and 14 K a total of 153 kg/ha. Paddy is the main kharif crop covering an area of 249 thousand ha, while in rabi, utera crops, linseed, mustard, chickpea etc are the major crops having good coverage. Sericulture and aqua culture is still an alternative source of employment and more income could be generated in near future by value addition. Further, the district comes under the jurisdiction of Hasdev Bango command area, the large scale of mechanization vivid in the villages. Apart from it, more than 40 power plants are proposed and due to more industrialization, the agricultural activities shall be affected negatively.

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)
Janjgir-Champa(C.G.)	Mehanda	2007	Navagarh	10	2500	600

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

KVK Name	THRUST AREA
Janjgir-Champa(C.G.)	From last few years climatic change is the major threat. Hence, temperature and rainfall pattern should be analyzed at micro level.
Janjgir-Champa(C.G.)	Delayed sowing/transplanting of paddy.
Janjgir-Champa(C.G.)	Replacement of sawarna variety with early medium to early duration varieties
Janjgir-	Introduction and popularization of Hybrid rice

Champa(C.G.)	
Janjgir-Champa(C.G.)	Plant protection in paddy.
Janjgir-Champa(C.G.)	Mushroom-cultivation.
Janjgir-Champa(C.G.)	Acceleration seed replacement rate.
Janjgir-Champa(C.G.)	Seed treatment by fungicide .
Janjgir-Champa(C.G.)	Judicious application of major nutrient N:P:K(Cereals 4:2:1 & Pulse 1:2:1 ratio).
Janjgir-Champa(C.G.)	Credit facilities at time.
Janjgir-Champa(C.G.)	Weed management.
Janjgir-Champa(C.G.)	Introduction of SRI method of cultivation.
Janjgir-Champa(C.G.)	Acceleration of farm mechanization.
Janjgir-Champa(C.G.)	Seed village concept.
Janjgir-Champa(C.G.)	Promotion of farming system approach
Janjgir-Champa(C.G.)	Crop intensification.

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

KVK Name	Problem identified	Methods of problem identification
Janjgir-Champa(C.G.)	Although the district is canal irrigated but due to field to field irrigation created lot of water losses and crop diversification, introduction of short duration variety is a difficult job. Delayed sowing /transplanting . Imbalance NPK application .Lack of suitable farm implements' for weeding. Amongst plant protection blast, steam borer, BPH & BLB respectively . Lack of mushroom	Personnel contact & PRA.

	spawn.	

2. On Farm Testing

2.1 Information about OFT

KVK name	Year/season	Problem diagnose	Category of technology (Assessment/Refinement)	Thematic Area	Crop/enterprise	Farming Situations	Title of OFT	No. of trials	Results (with parameter) Grain/Seed//Fruit yield (q/ha)		Net Returns (Rs./ha)		Recommendations
									Farmer practice T1	Rec. Tech T2	T1	T2	
KVK, Janjgir-Champa (C.G.)	Kharif, 2011	Low yield due to heavy incidence of Sheath blight disease and lack of knowledge of bio-fungicide to prevent this disease	Assessment	Disease Management	Rice	Irrigated	Assessment of <i>Pseudomonas fluorescens</i> for management of sheath blight in rice.	05	55.70	59.70	38,806/-	45,676/-	1. Seed treatment @ 10 g/kg 2. Spray 1 kg/ha
KVK, Janjgir-Champa (C.G.)	Kharif, 2011	Blast disease is a serious problem in the Distt. and lack of knowledge of suitable fungicides for seed treatment and foliar spray to control. (Use of Tricyclazole as seed treatment and foliar spray of Iprobenfos can effectively be used to control Blast in Rice).	Assessment	Disease Management	Rice	Irrigated	Assessment of fungicides against blast disease of rice.	05	45.14	54.74	26,960/-	37,928/-	Seed treatment with Tricyclazole(Gain- 1 g/kg of seed) and Foliar spray with Iprobenfos(Kitazin- 1 ml/lit) at imitiation of disease.
KVK, Janjgir-Champa (C.G.)	Kharif, 2011	Lack of knowledge about High yield & high nutritional variety of Oyster mushroom	Assessment	Mushroom production	Mushroom/only	Irrigated	Yield performance of Oyster	05	5.20	7.30 kg	340/- in	617/-	High yield & high nutrition quality of oyster mushroom

		(<i>Pleurotus</i> species) var. Indira sweta.			paddy straw		mushroom variety.		kg in 10 kg paddy straw	in 10 kg paddy straw	10 kg paddy straw	in 10 kg paddy straw	(<i>Pleurotus</i> sp) var. Indira Sweta. & Production tech.
KVK, Janjgir-Champa (C.G.)	Kharif, 2011	Due to increase in cost of cultivation with special reference to labour and time.	Assessment	FIM	Rice	Irrigated	Assessment of tillage practice by power tiller	04	34.29	39.36	18133.20	21273	
KVK, Janjgir-Champa (C.G.)	Kharif, 2011						Assessment of herbicides in direct seeded rice (Bistyribac @ 20gm per ha)	04		42			
KVK, Janjgir-Champa (C.G.)	Rabi, 11-12	Lack of awareness regarding suitable farm implement for sowing at optimum depth and reduce seed rate	Assessment	FIM	Wheat	Irrigated	Assessment of improved implement for wheat sowing	04					
KVK, Janjgir-Champa (C.G.)	Rabi, 11-12						Effect of date of sowing on wheat production	04					
KVK, Janjgir-Champa (C.G.)	Rabi, 11-12	False smut diseases is another major disease which lowering the yield and quality of rice	Assessment	Disease Management	Rice	Irrigated	Assessment of fungicide Chlorothalonil against false smut	05	Result awaited	Result awaited	Result awaited	Result awaited	Result awaited

							disease of rice							
KVK, Janjgir-Champa (C.G.)	Rabi, 1-12	Lack of knowledge about High yield & high nutritional variety of Oyster mushroom (<i>Pleurotus</i> species) var. Indira sweta, lack of knowledge of winter season grown mushroom.	Assessment	Mushroom production	Mushroom/paddy straw + wheat straw (5kg+5 kg each)	Irrigated	Assessment of performance of HYV of Oyster Mushroom in winter season	05	5.36 kg in 10 kg paddy straw	7.38 kg in 10 kg paddy straw	392/- in 10 kg paddy straw	701/- in 10 kg paddy straw	High yield & high nutrition quality of oyster mushroom (<i>Pleurotus</i> sp) var. Indira Sweta. & Production tech.	

2.2 Economic Performance

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	Demo	Check	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)
KVK, Janjgir-Champa (C.G.)	Assessment of <i>Pseudomonas fluorescens</i> for sheath blight management in rice.	Disease severity %	8.4%	36.3%	21,350	18,800		60,156	64,476		38,806	45,676		2.82	3.43	
KVK, Janjgir-Champa (C.G.)	Assessment of fungicides	Disease severity %	11.5%	34.5%	21,800	21,200		48,760	59,128		26,960	37,928		2.26	2.79	

	against blast disease of rice.															
KVK, Janjgir-Champa (C.G.)	Yield performance of Oyster mushroom variety in Kharif season.	Yield (in 10 kg paddy straw)	7.30 kg (in 10 kg paddy straw)	5.20 kg (in 10 kg paddy straw)	404	422		744	1039		340	617		1.86	2.47	
KVK, Janjgir-Champa (C.G.)	Assessment of tillage practice by power tiller	Yield (kg/ha)	39.36	34.29	18900	20125		37033.20	42512.85		18133.20	21273		1.96	2.13	
KVK, Janjgir-Champa (C.G.)	Assessment of herbicides in direct seeded rice (Bistyribac @ 20gm per ha)															
KVK, Janjgir-Champa (C.G.)	Assessment of yield under SRI method															
KVK, Janjgir-Champa (C.G.)	Assessment of improved implement for wheat sowing	Yield (kg/ha)	27.94	18.25	11232.50	13850		19710	30175.20		8477.5	16325.20		1.72	2.17	
KVK, Janjgir-Champa (C.G.)	Effect of date of sowing on wheat production															
KVK, Janjgir-Champa (C.G.)	Assessment of fungicide Chlorothalonil against false smut															

	disease of rice															
KVK, Janjgir-Champa (C.G.)	Assessment of performance of HYV of Oyster Mushroom in winter season	Yield in 10 kg straw (5 kg paddy straw+5kg wheat straw)	7.38 kg (in 10 kg straw)	5.36 kg (in 10 kg straw)	404	407		796	1108		392	701		1.96	2.71	

2.3 Feedback from KVK to Research System

Name of KVK	Feedback
KVK, Janjgir-Champa (C.G.)	<p>Paddy is severely infected by Blast and BLB diseases and severely attacked by stem borer, varieties resistant to the same need to be developed.</p> <p>Rainfall in the district is medium, so crops of oilseed, pulses and cereals can be grown.</p> <p>Low productivity of milch animals is found so Introduction & promotion of improved breeds of animals for milk purpose.</p> <p>Low productivity and inferior quality of fruits and vegetables are there so introduction of high yielding improved varieties of fruits and vegetables is required.</p> <p>There is lack of suitable Agricultural implements for seeding hence introduction of low cost Agricultural implements is required</p>

3. Achievements of Frontline Demonstrations

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
KVK, Janjgir-Champa (C.G.)	Red Gram (Rajiv Lochan) Kharif	Crop production & Plant Protection	High Yielding Variety, seed treatment, Plant Protection	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures, training	1	14	5
KVK, Janjgir-Champa (C.G.)	Gram (rabi)	Crop production	High Yielding Variety, seed treatment	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	1	12	5
KVK, Janjgir-Champa (C.G.)	Til (kharif)	CP	High Yielding Variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	1	12	5
KVK, Janjgir-Champa (C.G.)	Rice (kharif)	CP	High Yielding Variety	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures.	2	10	7
KVK, Janjgir-Champa (C.G.)	Rice (kharif)	Disease Management	Crop Protection (Seed treatment and foliar spray of Tricyclazole against Blast)	Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures, training	2	10	2.5
KVK, Janjgir-Champa (C.G.)	Mushroom (kharif)	Oyster mushroom production	High yielding & high nutritional var. & production tech.	Training, Demonstration, regular visits, Literature	1	14	14 nos.
KVK, Janjgir-Champa (C.G.)	Wheat (rabi)	CP	High Yielding Variety	Training, Demonstration, regular visits, Literature	9	14	6
KVK, Janjgir-Champa (C.G.)	Mustard (rabi)	CP	High Yielding Variety	Demonstration, visits, Literature	1	12	5

3.2 Details of FLDs implemented

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop- Area (ha) / Entrep - No.	Name of Variety/Tech nology/Entrep rizes	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
KVK, Janjgir- Champa (C.G.)	Crop production	Til	Kharif, 2011		5									
KVK, Janjgir- Champa (C.G.)	Crop production & Plant protection	Red Gram (Arhar)	Kharif, 2011		5	Rajeevlo chan	12	9		0	0	0	14	14
KVK, Janjgir- Champa (C.G.)	CP	Gram	Rabi 2011-12	Improved variety	5	JAKI 9218	15	10		0	0	7	5	12
KVK, Janjgir- Champa (C.G.)	CP	Wheat	Rabi 2011-12	Improved variety	6					1	0	0	13	14
KVK, Janjgir- Champa (C.G.)	CP	Rice	Kharif, 2011	Improved variety	7					1	0	0	9	10
KVK, Janjgir- Champa (C.G.)	PP	Rice	Kharif, 2011	Plant Protection	2.5	Swarna	54	46		2	0	5	3	10
KVK, Janjgir- Champa (C.G.)	Mushroom- cultivation	Mushroom	Kharif, 2011	High yielding & nutritional var.	14 nos.	Indira Sweta	8.0 kg in 10 kg straw	5.9 kg in 10 kg straw		0	2	10	2	14
KVK, Janjgir- Champa (C.G.)	CP	Mustard	Rabi 2011-12	Improved variety	5					0	12	0	0	12

3.3 Economic Impact of FLD

KVK Name	Name of Crop/ Enterprise	Technology demonstrated	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check
KVK, Janjgir-Champa (C.G.)	Til		Yield (q/ha)										
-- do --	Arhar	Improved variety	Yield (q/ha)	12	9	10,000	9000	48,000	36,000	38,000	27,000	3.8	3.0
-- do --	Gram	Improved variety	Yield (q/ha)	15	10	14,500	11,500	45,000	30,000	30,500	18,500	3.10	2.60
-- do --	Wheat	Improved variety	Yield (q/ha)										
-- do --	Rice		Yield (q/ha)										
-- do --	Rice	Seed treatment @ 1 g/kg seed and foliar spray @ 0.06 % of Tricyclazole against blast disease	Yield (q/ha)	54	46	21,000	19,500	58,000	47,500	37,000	28,000	2.76	2.44
-- do --	Mushroom	High yielding & nutritional var (Yield in 10 kg paddy straw)	Yield (q/ha)	8 kg in 10 kg paddy straw	5.9 kg in 10 kg paddy straw	450	428	1120	826	670	398	2.49	1.93
-- do --	Mustard		Yield (q/ha)										

Feedback of the Farmers

Name of KVK	Feedback
KVK, Janjgir-Champa (C.G.)	<p>Varieties gave good yields and they may be spread to other villages.</p> <p>Seeds of these varieties should be made available through C.G.Rajya Beej Evam Krishi Vikas Nigam Lt.d, Kawardha</p> <p>Balanced use of fertilizers decreases the cost of cultivation.</p> <p>Attack of tobacco caterpillar is lower in JS-93-05 as compared to the varieties grown in this area.</p> <p>Proper time and method of fertilizer application has help them save the fertilizer and from attack of insects pest</p> <p>Field visit of scientist of KVK, help them in identification of the insect or disease infestation and also give knowledge about their control measures.</p>

3.5 Training and Extension activities under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
KVK, Janjgir- Champa (C.G.)		Field days			
		Farmers Training			
		Media coverage			
		Training for extension functionaries			
KVK, Janjgir- Champa (C.G.)	Red gram	Field days			
		Farmers Training			
		Media coverage			
		Training for extension functionaries			
KVK, Janjgir	Gram	Field days	1	40	
		Farmers Training	1	40	
		Media coverage			
		Training for extension functionaries			
KVK, Janjgir	Wheat	Field days			
		Farmers Training			
		Media coverage			
		Training for extension functionaries			

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
KVK, Janjgir-Champa (C.G.)	Farmers & Farm women	Field visits, Group discussion with the farmers	14.04.2010, Manikpur, 26.06.2010, Daujari, 15.09.2010, Navghata, 11.12.2010, Khapari	27,46,15,16 respectively
KVK, Janjgir	Rural Youth	Discussion with youths in village	31.05.2010, Kawardha	16
KVK, Janjgir	In-service Personnel	Discussion with extension personnel in the meetings	30.06.2010, Kawardha	12

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							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
KVK, Janjgir-Champa (C.G.)	FW	ONC	AEG	Repair and maintenance of farm machinery and implements	1	1	6	1	9	1	3	0	10	1
KVK, Janjgir	FW	ONC	AEG	Production of small tools and implements	1	1	8	0	6	0	3	0	12	0
KVK, Janjgir	FW	ONC	PLP	Disease Management	1	1	3	5	15	1	11	1	10	4
KVK, Janjgir	FW	ONC	PLP	Integrated Pest Management	1	1	9	3	4	2	5	1	6	6
KVK, Janjgir	FW	ONC	PLP	Production of bio control agents and bio pesticides										
KVK, Janjgir	FW	ONC	PLP	Bio-control of pests and diseases	1	1	3	0	4	0	4	1	20	8
KVK, Janjgir	FW	ONC	OTH	Mushroom Production	1	1	2	5	2	6	1	4	11	10
KVK, Janjgir	FW	ONC	CRP	Cropping Systems										
KVK, Janjgir	FW	ONC	CRP	Seed production										
KVK, Janjgir	FW	ONC	CRP	Nursery management	1	1	5	4	2	1	0	0	3	0
KVK, Janjgir	FW	ONC	CRP	Integrated Crop Management										
KVK, Janjgir	FW	ONC	CRP	Weed Management	1	1	0	0	9	0	1	0	16	0
KVK, Janjgir	FW	ONC	AEG	Post Harvest Technology										

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
KVK, Janjgir	IS	ONC	EXP	Productivity enhancement in field crops	2	1	8	0	14	1	13	0	18	1
	FW	OFC	AEG	Repair and maintenance of farm machinery and implements	11	1	55	11	91	14	62	2	139	26
KVK, Janjgir	FW	OFC	AEG	Production of small tools and implements	5	1	35	4	62	4	7	1	67	8
KVK, Janjgir	FW	OFC	PLP	Integrated Disease Management	5	1	22	5	44	10	21	3	118	7
KVK, Janjgir	FW	OFC	PLP	Integrated Pest Management	4	1	15	3	39	3	17	1	83	5
KVK, Janjgir	FW	OFC	PLP	Production of bio control agents and bio pesticides	3	1	11	2	27	1	16	1	74	5
KVK, Janjgir	FW	OFC	PLP	Bio-control of pests and diseases	1	1	0	0	25	0	15	1	40	4
KVK, Janjgir	FW	OFC	OTH	Mushroom Production	6	1	16	13	33	17	4	2	77	37
KVK, Janjgir	FW	OFC	CRP	Cropping Systems	2	1	0	0	2	0	22	2	29	0
KVK, Janjgir	FW	OFC	CRP	Seed production	2	1	0	0	8	0	2	0	85	15
KVK, Janjgir	FW	OFC	CRP	Nursery management	1	1	2	1	17	0	4	4	37	0
KVK, Janjgir	FW	OFC	CRP	Integrated Crop Management	2	1	13	0	27	3	5	1	60	1
KVK, Janjgir	FW	OFC	CRP	Weed Management	4	1	5	7	30	0	10	0	62	0
KVK, Janjgir	FW	OFC	AEG	Post Harvest Technology	1	1	0	0	12	0	5	0	23	0
KVK, Janjgir	IS	OFC	EXP	Productivity enhancement in field crops	1	1	2	2	10	0	8	0	24	8

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					
					SC		ST		Others	
					M	F	M	F	M	F
Janjgir-Champa	Judicious uses of water in agriculture	Water Management	Field to field irrigation in command area & its related problems	07	8	0	12	00	23	7
Janjgir-Champa	Judicious uses of water in agriculture	Water Management	Field to field irrigation in command area & its related problems	07	15	2	5	1	22	5
Janjgir-Champa	Judicious uses of water in agriculture	Water Management	Field to field irrigation in command area & its related problems	07	10	0	3	0	37	0
Janjgir-Champa	Judicious uses of water in agriculture	Water Management	Field to field irrigation in command area & its related problems	07	13	3	7	0	23	4
Janjgir-Champa	Judicious uses of water in agriculture	Water Management	Field to field irrigation in command area & its related problems	07	15	0	10	0	25	0
Janjgir-Champa	Judicious uses of water in agriculture	Water Management	Field to field irrigation in command area & its related problems	07	7	0	2	0	33	8
Janjgir-Champa	Judicious uses of water in agriculture	Water Management	Field to field irrigation in command area & its related problems	07	20	0	8	0	22	0
Janjgir-Champa	Judicious uses of water in agriculture	Water Management	Field to field irrigation in command area & its related problems	07	19	0	11	0	20	0

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 else where
		Type of units	Number of units	Number of persons employed	
KVK, Janjgir-Champa (C.G.)					

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/R Y/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		
KVK, Janjgir-Champa (C.G.)	Selection of suitable farm implements and their maintances	FIM		FW	03	02	43	00	12	00	06	00	DDAE,Bilaspur	15000/-
KVK, Janjgir-Champa (C.G.)	Training on Mushroom production and processing tech.	Mushroom		FW	05	01	00	40	00	00	00	00	RKVY	40000/-
KVK, Janjgir-Champa (C.G.)	Training on balance fertilization application	INM		FW	01	01	45	00	08	00	03	00	NFL	

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/R Y/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		
KVK, Janjgir-Champa (C.G.)														

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	
Janjgir-Champa	Crop production ,INM& Weed management	12	45	62	32	45	25000	38000	1.Area 150 2.175 3 37 %
Janjgir-Champa	Improved farm implements	750	42	53	32	43	below 27000	Above 35000	1.Area 60 2. more than 200 3. 20
Janjgir-Champa	Plant Protection	300	28	45	26	34	25000	35000	1. 120 2. 180 3. 60
Janjgir-Champa	Mushroom cultivation	150	10	30	300 g per kg paddy straw	700 g per kg paddy straw	30 Rs. per bag	70 Rs .per bag	1. 50 2 . 25 3. 66

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

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
KVK, Janjgir-Champa (C.G.)	Field Day	03	02	81	21	20	7	3	0	To tell the farmers & RAEOs about cultivation of crops and management of insects and diseases	Improved technique of cultivating Gram and Paddy and management of insects and pests in respective crops	Maturity
KVK, Janjgir-Champa (C.G.)	Kisan Mela	02	03	1900	510	650	255	65	20		CP,PP, FIM & Mushroom	
KVK, Janjgir-Champa (C.G.)	Kisan Ghosthi	04	06	733	174	104	15	03	00	About seasonal problems related to insect/pests & diseases of crops	Integrated management of pest and diseases	Mid season of crop growth
KVK, Janjgir-Champa (C.G.)	Film Show	10	12									
KVK, Janjgir-Champa (C.G.)	Method Demonstrations	01	02	25	07	11	3	02	01	Soil sampling	Methodology of soil sampling for testing	Fallow land
KVK, Janjgir-Champa (C.G.)	Farmers Seminar	01	01	20	0	0	0	0	0			
KVK, Janjgir-Champa (C.G.)	Workshop											
KVK, Janjgir-Champa (C.G.)	Group meetings	04	08	220	55	32	11	10	6			
KVK, Janjgir-Champa (C.G.)	Lectures delivered as resource persons	04	10							About seasonal problems related to insect/pests & diseases of crops	CP,PP, FIM & Mushroom	Different crop stages
KVK, Janjgir-Champa (C.G.)	Newspaper coverage	10	22							Seasonal probles, their remedy and KVK activities	CP,PP, FIM & Mushroom	All crop stages
KVK, Janjgir-Champa (C.G.)	Radio talks	06	09								Various topics on Agronomy, Plant Protection, FIM, Extension	

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			
											etc.	
KVK, Janjgir-Champa (C.G.)	TV talks	01	02								CP,PP & FIM	
KVK, Janjgir-Champa (C.G.)	Popular articles	10	17							Technical guidance to the farmers & extension workers	Various topics on Agronomy, Plant Protection, FIM, Extension etc.	All crop stages
KVK, Janjgir-Champa (C.G.)	Extension Literature	04	06							To help farmers about mushroom cultivation and tractor maintenance	1.Oyster mushroom Utpadan 2.Tractor Dairy	
KVK, Janjgir-Champa (C.G.)	Farm advisory Services	5	6									
KVK, Janjgir-Champa (C.G.)	Scientific visit to farmers field	10	16							seasonal problems related to insect/pests , diseases FIM and CP	CP,PP, FIM & Mushroom	
KVK, Janjgir-Champa (C.G.)	Farmers visit to KVK	48	42	123	05	185	00	11	00	to enquire about source & availability of seeds, cultivation practices of crops/problems related to insect/pests & diseases of crops FIM & Mushroom	CP,PP, FIM & Mushroom	
KVK, Janjgir-Champa (C.G.)	Diagnostic visits	6	10									
KVK, Janjgir-Champa (C.G.)	Exposure visits											
KVK, Janjgir-Champa (C.G.)	Ex-trainees Sammelan	1	1	21	0	8	5	2	0			
KVK, Janjgir-Champa (C.G.)	Soil health Camp	2	4	56	7	12	9	4	0			
KVK, Janjgir-Champa (C.G.)	Animal Health Camp											

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			
KVK, Janjgir-Champa (C.G.)	Agri mobile clinic											
KVK, Janjgir-Champa (C.G.)	Soil test campaigns											
KVK, Janjgir-Champa (C.G.)	Farm Science Club conveners meet	1	2	23	3	6	3	2	1			
KVK, Janjgir-Champa (C.G.)	Self Help Group conveners meetings	1	1	15	2	4	1	2	1			
KVK, Janjgir-Champa (C.G.)	Mahila Mandals conveners meetings											
KVK, Janjgir-Champa (C.G.)	Celebration of important days											

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
KVK, Janjgir-Champa (C.G.)	1 st April, 2011	Quarterly (4)	2000	2000

7.2 Literature developed/published

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
KVK Name	Type	Title	Author's name	Number of copies
KVK, Janjgir-Champa (C.G.)	March, 2012, bulletin	"Oyster mushroom utpadan"	500, N.K. Toorray, A. Shrivastava, S. Shantaiya and A. Kuraishi	500

KVK, Janjgir-Champa (C.G.)	March, 2012, Technical bulletin	“Tractor Diary”	500, S. Shantaiya, N.K. Toorray, A. Shrivastava, and A. Kuraishi	300
----------------------------	---------------------------------	-----------------	--	-----

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
KVK, Janjgir-Champa (C.G.)			

8. Production and supply of Technological products

8.1 SEED production

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
KVK, Janjgir-Champa (C.G.)								
KVK, Kawardha								
KVK, Kawardha								

8.2 Planting Material 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	
KVK, Janjgir-Champa (C.G.)											

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

KVK Name	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
KVK, Janjgir-Champa (C.G.)	BIOAGENTS				
	BIOFERTILIZERS				
	BIO PESTICIDES				

8.4 Livestock and fisheries production

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

9. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : NO

Year of establishment : -

9.1 Details of soil & water samples analyzed so far :

KVK Name	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
KVK, Janjgir-Champa (C.G.)					

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
KVK, Janjgir-Champa (C.G.)										

11. Utilization of Farmers Hostel facilities

Accommodation available (No. of beds) : Under Construction

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)
KVK, Janjgir-Champa (C.G.)							

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
KVK, Janjgir-Champa (C.G.)					

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
KVK, Janjgir-Champa (C.G.)	26 May, 2011	28	Training on improved cultivation practices of oilseeds, pulses, cereals, & vegetables. Promotion of intercropping of crops against sole cropping. Promotion of use of organic source of nutrients. Promotion of improved Farm Implements and Plant Protection. Training of mushroom cultivation and water mgmt. Promotion of seed treatment before sowing.

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

KVK Name	No. of messages sent	No. of beneficiary		Major recommendations
		Farmers	Ext. Pers.	
KVK, Janjgir-Champa (C.G.)	12500	500	100	Related to new varieties of

				crops, prevention & control of seasonal insect/pests & diseases and FIM.

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
KVK, Janjgir-Champa (C.G.)	ATMA					
	MNREGA					
	NHM					
	RKVY	IGKVV, Raipur	40000	Mushroom Training	Village-Jawalpur (Baloda)	Training and demonstration given to rural women
	DRDA					
	Zila Panchyat					
	Seed village					
	NAIP					
	Climate Change					
	Others (Plz. Specify)	Deptt of Agri. Engg., Bilaspur	15000	FIM training	KVK Janjgir	Training and demonstration of farm implements.

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
KVK, Janjgir-Champa (C.G.)	10784114965	66669	81579	81579

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
KVK, Janjgir-Champa (C.G.)				

18. Case study and Success Story – Two best only in the following format – In separate Sheet

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

जिले के प्रगतिशील कृषक श्री *रामप्रकाश केशरवानी* की सफलता की कहानी, उन्हीं के जुबानी

मेरा नाम रामप्रकाश केशरवानी है, तथा मैं ग्राम-लखुरी, पो. ऑफिस लखाली, तहसील चाम्पा जिला-जांजगीर-चाम्पा (छ.ग.) का निवासी हूँ। मैंने एस. एस. जे. कॉलेज बम्हनीडीह से स्नातक की शिक्षा प्राप्त की है। मैंने अपने दादा-परदादा की मेहनत व सफलता को ध्यान में रखकर उनके पदचिन्हों पर चलने का प्रयास नित नई-नई तकनीकों को साथ लेकर उनकी यादों को संजोए रखा है।

अपने दादाजी की सफलता को देखकर बचपन से ही कृषि यंत्रों की चाह बनी थी। जब मैं कक्षा आठवीं में था, तब से दादाजी द्वारा खरीदे गये ट्रेक्टर (सन् 1945 का मॉडल) चलाना सीख गया था। चालक महोदय की अनुपस्थिति में मैं स्वयं ट्रेक्टर चलाता था। हमारे यहां सन् 1945 में खरीदा गया ट्रेक्टर आज भी चालू हालत में है। मैंने आधुनिक तकनीकियों को अपनाकर खेती करने हेतु नया ट्रेक्टर भी खरीदा है। मैंने विगत 20 वर्षों से कृषि के क्षेत्र में अनेक प्रयोग करके सफल कृषक के अनेकों सम्मान प्राप्त किया है। आधुनिकीकरण को ध्यान रखकर कृषि विभाग के अधिकारियों एवं कृषि विज्ञान केन्द्र के वैज्ञानिकों के सहयोग व मार्गदर्शन से विगत 20 वर्षों में कृषि के क्षेत्र में सफलता की उच्च राह पर चलने का प्रयास कर रहा हूँ। वर्तमान में मैं 20 एकड़ रकबा में खरीफ, रबी एवं जायद की फसलें लेता हूँ। खरीफ में धान की गुरमटिया, स्वर्णा, क्रान्ति, एम. टी. यू. 1010, महामाया किस्में, संकर धान आदि लगाता हूँ। रबी में ग्रीष्मकालीन धान, गेहूँ, चना आदि लगता हूँ। जायद में भी लगभग पांच एकड़ में फसलें उगाता हूँ। मैं खेती के अलावा अतिरिक्त आय के लिये मशरूम उत्पादन, जैविक खाद, सब्जियों आदि का उत्पादन करता हूँ। मैंने बांस के 5000 पौधे, सागौन के 1000 पौधे, नीलगिरी के 10000 पौधे अपने खेतों में लगाये हैं। सफलता की राह में आगे बढ़ते हुए मैंने खेती की आय से ही लगभग दस लाख रूपए के और खेत खरीदे हैं। इस सफलता के लिए मैं अपने पूर्वज व पिताजी को धन्यवाद देता हूँ जो कृषि कार्य के लिये हमेशा सहयोग करते रहे हैं। वर्तमान में मैंने किसान क्लब का गठन किया है। साथ ही अपने खुद के तालाब में मछलीपालन, लाख उत्पादन, गेहूँ, सरसों, केले आदि का सफल उत्पादन कर क्षेत्र में सम्मानित हो रहा हूँ। हमारे द्वारा विलुप्त प्रजाति के 5000 चिड़ियों (कन्हैया चिड़िया) का पालन किया जा रहा है। 100 आम वृक्ष के बगीचों का भी विकास

किया जा रहा है । हमारे यहां 150 वर्ष के आम के वृक्ष संरक्षित है । आम के अलावा विभिन्न प्रकार के बहुत पुराने वृक्ष भी संरक्षित है । कृषि कार्य के लिए हम हमेशा चकबंदी के साथ (50 एकड़ खेत में) खेती करते हैं । मैंने कृषि मेला में जिला स्तरीय पुरस्कार एवं युवा मेला में भी पुरस्कार प्राप्त किया है ।

भविष्य की योजनाएं :- मैंने मधुमक्खी पालन, रेशम कीटपालन व डेयरी फार्म बनाने की योजना पर कृषि अधिकारियों से सहयोग हेतु आग्रह किया है ।

“नयी तकनीकें अपनाइयें – उच्च सफलता पाइये” यही हमारी शुभकामनाएं हैं ।



जिले के प्रगतिशील कृषक श्री उज्जवल पाण्डेय की सफलता की कहानी



इनका नाम उज्जवल कुमार पाण्डेय है, ये ग्राम सेन्दरी, पोस्ट कुथुर, तहसील नवागढ़, जिला जांजगीर-चांपा, छत्तीसगढ़ का निवासी हैं। इन्होंने बिलासपुर के सी. एम. डी. कॉलेज से बी. एस. सी. बायोलॉजी से स्नातक शिक्षा प्राप्त की व अपने गाँव आ गया । इनका रूचि बचपन से ही कृषि यंत्रों में थी और जैसे-जैसे मैं बड़ा होते गया, रूचि और बढ़ती गई । इन्होंने बताया कि जब मैं 10 वीं कक्षा में था तो मामा का ट्रैक्टर लाया और उसे पढ़ाई के साथ-साथ चलाया भी करता था । जब मेरी उम्र 18 वर्ष की हुई, उस समय मैंने पहली बार अपनी हाथ से ट्रैक्टर के इंजन का काम किया और धीरे-धीरे ट्रैक्टर के बारे में सीखने लगा । अब मुझे किसी मिस्त्री की आवश्यकता नहीं होती तथा सारा काम मैं खुद करता हूँ । मैंने ट्रैक्टर, नागर, पावर स्प्रेयर, रोटोवेटर, लेवलर, स्प्रींकलर, ट्रैक्टर रीपर, वरदान रीपर और बड़ा केजव्हील खरीदकर उनका उपयोग कर रहा हूँ । इससे मुझे अधिक उपज मिलती है। इनको कृषि कार्य करते हुए 10 वर्ष हुए हैं, लेकिन इन्होंने एक वर्ष में अनेक प्रयोग किये हैं जिनमें इनको सफलता मिली । इन्होंने पुरानी पद्धति में सुधार करके मशीनीकरण करने की कोशिश की है ।

खरीफ :- खरीफ में पहले लुचई, दूबराज, गुरमटिया और क्रांति जैसे धान लगाते थे जबकि आज स्वर्णा, एम. टी. यू. 1010, संकर धान एवं महामाया । समय से पानी नहीं मिलने से जमीन कठोर हो जाती है उससे निंदाई और चलाई में समस्या आती है । इसके लिये इन्होंने ट्रेक्टर में उड़ीसा से लाया हुआ बड़ा केजव्हील लगाकर सीडड्रिल से बियासी किया जिससे जमीन नरम हो गई और पौधे भी नहीं के बराबर मरे। बाकी भेंसे से बियासी करने पर 25-40 प्रतिशत पौधे मर जाते हैं । इन्होंने लेही विधि से कम बीज (30 किलोग्राम प्रति एकड़) का उपयोग कर अच्छा उत्पादन प्राप्त किया । इन्होंने पावर स्प्रेयर खरीदा जिससे कम समय में (4-5 एकड़) अधिक छिड़काव होता है तथा धान कटाई के लिये रीपर से काम लिया क्योंकि धान कटाई करने के बाद दुलाई और मिंजाई में अधिक समय हो जाता था और रबी की फसल के लिये समय नहीं बचता था। पिछले वर्ष धान की खेती से इनको करीब 07 लाख रुपये का शुद्ध लाभ हुआ ।

रबी - इन्होंने जब पहली बार रबी में चना, गेहूँ, सूरजमुखी, सरसों एवं मटर क्रमशः 15, 5, 5, 2 एवं 4 एकड़ में बुवाई की । दलहनी फसलें लेने से भूमि संरचना में सुधार हुआ । इन्होंने सूरजमुखी की 2 वर्ष तक खेती की जिसमें इन्होंने ज्वालामुखी किस्म का चयन किया । यह अच्छी किस्म थी क्योंकि इससे तेल अधिक मिलता है । 3 किलोग्राम सूरजमुखी से 1 किलोग्राम तक तेल निकला । इन्होंने सरसों (पूसा गोल्ड, लक्ष्मी आदि किस्में) 4 वर्षों तक लगाया । इससे, 3-4 क्विंटल प्रति एकड़ उपज प्राप्त हुई । रबी में अब ये सिर्फ गेहूँ लगाते हैं क्योंकि डोरसा जमीन होने के कारण बहुत अच्छी फसल प्राप्त हो रही है । इसलिये इन्होंने 12 हेक्टेयर में बीज उत्पादन कार्यक्रम ले रहे हैं। गेहूँ के उत्पादन बढ़ाने के लिए सीड ड्रिल का प्रयोग किया है । ये पहले 3 बार खेत की जुताई करके दो बार रोटावेटर चलाकर जमीन को भुरभुरा बना देते हैं उसके बाद सीड ड्रिल से बुआई कर बीज और खाद देते हैं। प्लाऊ का एक फन निकालकर खेत में क्यारियां बना देते हैं जिससे सिंचाई अच्छे से होती है । पहली और चौथी सिंचाई स्प्रींकलर द्वारा करते हैं । पिछले वर्ष गेहूँ की उपज 13 क्विंटल प्रति एकड़ था जबकि गेहूँ की बोनी इन्होंने 3 जनवरी से 17 जनवरी 2010 बीच में की थी । कृषि के लिये आवश्यक खाद, बीज, पौध संरक्षण दवाओं का संग्रह कृषि कार्य शुरू करने के एक माह पहले कर लेते हैं । गोबर गैस संयंत्र घर में लगवाने के कारण इनको ईंधन एवं उत्तम क्वालिटी का खाद भी प्राप्त हो जाता है । घर के लिये आवश्यक दलहन एवं तिलहन की पूर्ति मेढों पर लगाये गये फसल से हो जाती है । जिससे इनको खरीदने की आवश्यकता नहीं होती । रबी फसल लेने से करीब 3.5 लाख रुपये की शुद्ध लाभ हुआ ।

मार्गदर्शन -सर्व प्रथम धन्यवाद ये अपने मामा को देते हैं तत्पश्चात इनके गुरुदेव श्री. एस. के. तिवारी जिन्होंने बोर के लिये प्रोत्साहित किया । इनको कृषि विभाग व कुछ वर्षों से जिले में कार्यरत कृषि विज्ञान केन्द्र द्वारा इनको ढेरों जानकारियाँ कृषक प्रशिक्षण के माध्यम से समय-समय पर मिलता है । जिनके मार्गदर्शन व खेतों में सतत् नैदायनिक भ्रमण के कारण मैं खेती में इतना आगे बढ़ पाया ।

19. Details of KVK Agro-technological Park

Name of KVK	Name of Component of Park	Detail Information (If established)
KVK, Janjgir-	Crop Cafeteria	

Champa (C.G.)		
	Technology Desk	
	Visitors Gallery	
	Technology Exhibition	
	Technology Gate-Valve	

20. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
KVK, Janjgir-Champa (C.G.)	Dr. Charandas Mahant, Minister of Agriculture, Govt. of India	/ /2011	
KVK, Janjgir-Champa (C.G.)	Dr. S. K. Patil, Hon'ble V.C., IGKV, Raipur (C.G.)	2012	
KVK, Kawardha			
KVK, Kawardha	Smt. Vyas Kashyap, President Jila Panchayat	2011	
KVK, Kawardha			

21. Status of KVK Website: Under process

22. 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			
KVK, Janjgir-Champa (C.G.)							

23. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
KVK, Janjgir-Champa (C.G.)	Gosthies			
KVK, Kawardha	Lectures organized			
KVK, Kawardha	Exhibition			
KVK, Kawardha	Film show			
KVK, Kawardha	Fair			
KVK, Kawardha	Farm Visit			
KVK, Kawardha	Diagnostic Practical's			
KVK, Kawardha	Distribution of Literature (No.)			
KVK, Kawardha	Distribution of Seed (q)			
KVK, Kawardha	Distribution of Planting materials (No.)			
KVK, Kawardha	Bio Product distribution (Kg)			
KVK, Kawardha	Bio Fertilizers (q)			
KVK, Kawardha	Distribution of fingerlings (No)			
KVK, Kawardha	Distribution of Livestock specimen (No.)			
KVK, Kawardha	Total number of farmers visited the technology week			

24. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries

KVK, Kawardha	Oilseeds		
KVK, Kawardha	Pulses		
KVK, Kawardha	Cereals		
KVK, Kawardha	Vegetable crops		
KVK, Kawardha	Tuber crops		
KVK, Kawardha	Fruits		
KVK, Kawardha	Spices		
KVK, Kawardha	Cotton		
	Total		

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No.of participants
KVK, Janjgir-Champa (C.G.)			
KVK, Kawardha			
KVK, Kawardha			
KVK, Kawardha			

Animal health camps organised

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

Seed distribution in drought hit states

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

Seedlings and Saplings distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers

Seedlings				
KVK, Kawardha				

Bio-control Agents

Name of KVK	Bio-control Agents	Quantity (q)	Coverage of Area (ha)	No. of farmers
KVK, Kawardha				

(e) Bio-Fertilizer

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

(f) Verms Produced

Name of KVK	Verms Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers
KVK, Janjgir-Champa (C.G.)				

(g) Large scale adoption of resource conservation technologies

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

(h) 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
KVK, Janjgir-Champa (C.G.)												

25. **Status of KVK Website:** under construction

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