

ANNUAL REPORT

(1-04-2008 to 31-03-2009)

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

KVK	Postal Address with Pin code	Telephone			E mail
		STD	Office	FAX	
Janjgir – Champa	Near old district panchayat Janjgir 495668. JANJGIR	07817	223875	223875	Manish 7 march 1972 @yahoo. com kvk janjgir @ gmail.com

1.2 .Name and address of host organization with phone, fax and e-mail

Host Institute name	Postal Address with Pin code	Telephone			E mail
		STD	Office	FAX	
INDIRA GANDHI AGRICULTURAL UNIVERSITY	Director Extension Services INDIRA GANDHI AGRICULTURAL UNIVERSITY .Raipur 492012	0771	2442274	0771- 424532, 2443121	

1.3. Name of the Programme Coordinator with phone & mobile No

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. R. N. Sharma	07752-255091	9424152366	

1.4. Year of sanction: 2004

1.5. Staff Position (as on 31st March 2008)

Sl. No	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining	Perm anent /Tem porar y	Category (SC/ST/ OBC/ Others)
1	Programme Coordinator	Dr.R.N.Sharma	PC	Ag. Extension	12000-18300	29/9/04		GEN
2	Subject Matter Specialist	Shri Manish Kumar	SMS	Agronomy	8000-13500 8825(pb)	7/05/05		GEN
3	Subject Matter Specialist	Vacant	SMS	Horticulture				
4	Subject Matter Specialist	Shri Nitin Kumar Toorray	SMS	Plant Pathology	8000-275- 13500	26/10/07		OBC
5	Subject Matter Specialist	Shri Smir Shantaiya	SMS	Farm Implements and Machines	8000-275- 13500	27/10/07		SC
6	Subject Matter Specialist	Vacant	SMS	Fisheries				
7	Subject Matter Specialist	Vacant	SMS	H .Science				
8	Programme Assistant	Shri Manoj Kumar Chandraker	PA	Entomology	5500-175- 9000	14/11/07	Reliev ed on 25 th March 2009	OBC
9	Computer Programmer	Vacant	CP					

10	Farm Manager	Shri Ashutosh Shrivastava	FM	Agronomy	5500-175-9000	26/02./08		GEN
11	Accountant / Superintendent	R.K.Pandey	Asst .Gra 2		4000-6000	17/8/05		GEN
12	Stenographer	Vacant						
13	Driver	Vacant						
14	Driver	Vacant						
15	Supporting staff	R.P.Tandon	Messenger		2550-3200	10/2/06		SC
16	Supporting staff	S.R.Sahu	Watchman		2550-3200	10.2.06		OBC

1.6. Total land with KVK (in ha) :20 (ha)

S. No.	Item	Area (ha)
1	Under Buildings	¼ (ac)
2.	Under Demonstration Units	
3.	Under Crops	6
4.	Orchard/Agro-forestry	
5.	Others	

1.7. Infrastructural Development:

A) **Buildings:** The construction work of administrative building and farmers hostel were completed

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Marshall	2004	382607	85144	Good
Tractor Trolley	2004	368000	521.9(Ho)	Good
Motorcycle	2007	46765	4553	Good

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Computer	2004-05	56574	Working
Printer	2004-05	9149	...do....
Leveller	2004-05	7208	...do....
Cultivator	2004-05	10685	...do....
MB Plough	2004-05	10070	...do....
Cage Wheel	2004-05	8586	...do....
Chair (5)	2005-06	9750	...do....
Office table(5+1)	2005-06	17003	...do....
Computer table(1)	2005-06	4750	...do....
Almirah (4)	2005-06	18496	...do....
Book shelf (2)	2005-06	9335	...do....
Stool (1)	2005-06	626	...do....
Photocopier machine	2006-07	43160	...do....
Voltage Stabilizer	2006-07	4700	...do....
Digital Fax	2006-07	7554	...do....
Fax Power	2006-07	1347	...do....
TV and DVD	2006-07	20000	...do....
Mega Phone	2006-07	3065	...do....
Camera	2006-07	16490	...do....
Book Shelf	2006-07	4600	...do....
Books	2006-07	5400	...do....
Book Case	2006-07	4600	...do....
Public address system	2007-08	13610	...do....
Diesel pump 5 HP & Accessories	2007-08	63770	...do....

1.8. A). Details SAC meeting* conducted in the year

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken
1.	16.07.08	28	Fencing , staff posting and other infrastructure facilities.	After first SAC meeting posting of five technical staff have been made. However ,one SMS of horticulture and one PA got transferred . Further ,fencing of KVK farm 2/3 rd has been completed.

2. DETAILS OF DISTRICT (2008-09)

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

S. No	Farming system/enterprise
1	Rice-lathyrus (utera)
2	Rice- Pulses/ oilseed wheat Pulses chickpea/ lentil Oilseed linseed/mustard/ rapeseed
3	Rice- vegetables Rice- Wheat Rice-Rice
4	Pigeonpea based system

2.2 Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

S. No	Agro-climatic Zone	Characteristics
	Chhattisgarh Plain	Moving down the slope, there is increase in soil depth, water holding capacity, cation exchange capacity and preponderance of calcium and magnesium ions. The soils so developed have been classified into four soil orders that widely differ in their production potential and physical characteristics. They are locally called, bhata (Entisols), matasi, (Inceptisols) dorsa (alfisols) and kanhar (Vertisols). In district there are major two type of Agro-ecological situations viz. irrigated and rain fed . In Kharif more than 80% area is irrigated.

S. No	Agro ecological situation	Characteristics
1.	Irrigated and rainfed	As mentioned in table 2.2 and specially for rainfed ecology some part of area is surrounded by hilly trac.

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	Bhata (Entisols)	As mentioned in table 2.2	29635 (11.3%)
2.	Matasi (Inceptisols)	----- do ---	69744(26.6%)
3.	Dorsa (Alfisols)	----- do ---	88737(33.9%)
4.	Kanhar(Vertisols)	----- do ---	72884(28.2%)

2.4. Area, Production and Productivity of major crops cultivated in the district

S. No	Crop	Area (ha)	Production (000 t)	Productivity (Qtl /ha)
1	Paddy	249667	509202	20.73
2.	Maize	388	1643	16.60
3.	Arhar	1312	3715	15.10
4.	Urd	1711	994	5.15
5.	Moong	206	158	4.03
6.	G. Nut	726	1213	13.02
7.	Sesamuml	821	613	3.65
8.	Soybean	30	124	10.09
9.	Sunflower	18	33	11.00
10.	Castor	41	17	3.0
11.	Sugar Cane	46		
12	Vegetable	4225		

2.5. Weather data

Year	Rainfall (mm)	Temperature ° C		Relative Humidity (%)
		Maximum	Minimum	
2008-09	1233.6	46	6	

2.6. Production and productivity of livestock, Poultry, Fisheries etc. in the district

Category	Population	Production	Productivity
Cattle			
<i>Crossbred</i>	7846		
<i>Indigenous</i>	441036	Total 13500 lit milk /Day	
Buffalo	104350		
Sheep			
<i>Crossbred</i>	54		
<i>Indigenous</i>	2756		
Goats	39087		
Pigs			
<i>Crossbred</i>	403		
<i>Indigenous</i>	2610		
Rabbits	256		
Poultry			
Hens	58507		
<i>Desi</i>	72326	Total 15750 egg /per day	
<i>Improved</i>	53624		
Ducks	2211		
Turkey and others	19869		
Fish			

2.6 Details of Operational area / Villages (2008-09)

Sl.No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1	Janjgir	Janjgir	Mehada	Rice	Delayed sowing/transplanting of paddy. Severe infestation of Stem borer & BPH in rice & white fly in vegetable. Further, rat become a major problem in rabi. More over in case of Disease - Blast & Sheath rot were reported from several parts of the village.	<p>1. Soil test based fertilizer application.</p> <p>2. Replacement of sawarna variety with early medium to early duration varieties</p> <p>3. Introduction and popularization of Hybrid rice.</p> <p>4. Crop diversification is urgently required.</p> <p>5. IPM for insect & rat for different crops grown in this area.</p> <p>6. Lot of scope for farm mechanization.</p>

2.7 Priority thrust areas

Thrust area
<ul style="list-style-type: none"> • Thrust areas identified through PRA, Survey and other methods. <ul style="list-style-type: none"> ○ Delayed sowing/transplanting of paddy. ○ Replacement of Sawarna variety with early medium to early duration varieties ○ Introduction and popularization of Hybrid rice. • Scope of sericulture • Scope of Mushroom-cultivation • Scope of bee keeping. • Crop intensification is urgently required. • Seed replacement rate is poor. • Seed treatment is more required. • Imbalance application of major nutrient N:P:K. • Lack of credit facilities at time. • Major weeds like Sowvana, Jungle rice & Nut sedge etc.

3. TECHNICAL ACHIEVEMENTS

3.1. A. Abstract of interventions undertaken

S. No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
1.	Cropping system	Rice	Replacement of Sawarna variety of Paddy	1.Hybrid rice 2.K. Mashuri		20	09	Field days	seed
2.	Soil test based fertilizer application		Imbalance Nutrient application	1.Neem coated urea 2.Kisan urea		10	05	Field day	Neem coated urea
3.	Crop diversification		Field to field irrigation through canal is limiting factor.						
4.	FIM	Farm implements	Tillage & sowing	1					
5.	Sericulture								
6.	Honey production					1			
7.	Plant protection	Rice	Insect & Disease	6					Insecticides & Fungicides

3.1. B. Details of each On Farm Trial to be furnished in the following format

OFT No. 1. Assessment of Comparative performance of Neem coated & simple urea.

Name of Farmer	Location	Crop	Variety	Plot area (acre)	DOT	DOH	Yield q/h				
							T1	T2	T3	T4	T5
1. Shri Khurana Shaw	Sarkho	Paddy	Mahamaya	2	24.07.08	08.11.08	29	30	35	37	56
2. Shri Tika ram shaw	Trauod (Akaltera)	...do...	...do...	2	12.07.08	20.10.08	34	35	38	40	58
3. Smt. Renu Tiwary	CCI (Akaltera)	...do...	...do...	2	22.07.08	04.11.08	32	34	39	41	54
4. Shri S. Chhakardari	CCI (Akaltera)	...do...	...do...	2	23.07.08	06.11.08	29	33	34	36	56

5. Shri Gorow Kasyap	Niala (Bhatapara)	...do...	...do...	2	Failed
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Fertilizer Dose N:P:K 100 : 60: 50

DOT = Date of Transplanting , DOH= Date of Harvesting

T1= Normal urea 80%, T2= Neem coated urea 80%, T3= Normal urea(100%), T4= Neem coated urea(100 %),T5 = Targeted yield 24 q/ha.

Filled & Unfilled grains per plant of Neem Coated Urea demonstrations:

Name of Farmer	Location	Crop	Variety	Filled & Unfilled grains per plant									
				T1		T2		T3		T4		T5	
				F	UF	F	UF	F	UF	F	UF	F	UF
1. Shri Khurana Shaw	Sarkho	Paddy	Mahamaya	69-38		77-44		117-49		151-69		169-69	
2. Shri Tika ram shaw	Trauod (Akaltera)	...do...	...do...	72-30		91-64		142-65		170-82		178-72	
3. Smt. Renu Tiwary	CCI (Akaltera)	...do...	...do...	44-60		53-40		131-58		115-63		135-65	
4. Shri S. Chhakardari	CCI (Akaltera)	...do...	...do...	59-42		67-53		110-52		139-54		151-85	
5. Shri Gorow Kasyap	Niala (Bhatapara)	Replication failed											
Average Yield of four farmers				61-43		72-50		125-56		143-67		158-72	

Average test Weight (g)

T1	T2	T3	T4	T5
28.2	28.6	31.2	32.4	32.8

- F = Filled grains
- UF = Un filled grains

Result & conclusion : Application of neem coated urea gave additional yield of 2 to 2.3 q/ha as compared to simple urea with similar doses of fertilizer . Further, the application of fertilizer on the basis of soil test resulted highest yield it should be promoted for sustainable crop production.

OFT No. 2. Balanced fertilizer application through Kisan Urea

Results of Kisan Urea FLD demonstrations:

Name of Farmer	Place	Crop	Variety	Plot area (acre)	DOT	DOH	Yield (q/h)	
							Simple Urea (Farmer practice)	Kisan Urea (Improved practices)
1. Shri Umed Shaw	Sarkho	Paddy.	Swarna	1	28.07.08	25.11.08	29.0	42.2
2. Shri Khanhiya Shaw	Sarkhodo...do...	1	30.07.08	27.11.08	32.0	45.4
Average Yield (q/ha)							30.5	43.85

Result & conclusion: Balanced dose of nutrient(RDF) resulted 43% higher yield as compared to farmers practices .

OFT. No .3: Assessment of comparative performance of Hybrid with improved variety of Paddy

Crop/enterprise	Farming situation	Problem Diagnosed	No. of trials	Technology Assessed	Parameters of assessments
1	2	3	4	5	6
Rice / Variety	Mid land	Unfilled grain percentage are quite more	4	T1= Farmers practices (Swarna) Varity	Yield and yield attributes
				T2 = KRH2(hybrid)	

Data on the parameter	Result of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
7	8	9	10	11
	Var, KRH2 yield range between 40 to 65 while sarwna yield was 32 to 42 q/hect.	The seed price of Hybrid variety is high and it is a limiting factor for large scale adoption .But farmers were happy with yield Potential of hybrid varieties.	The doses of fertilizer should be increased.	This year nearly 40,000 area under summer rice. Under monoculture cropping system some higher doses should be applied.

Technology Assessment/ Refined	*production per hec.(t/ha.)	Net Return (Profit) In Rs. /ha)	BC Ratio
12	13	14	15
Farmer's practice **	34	19270	1.7
Technology assessed **	46	27000	2.2
Technology refined **			

Result & conclusion: Hybrid variety KRH2 resulted 35 % more yield as compared to existing improved variety of paddy.

OFT. No 4 Assessment of comparative yield performance of newly released variety Karma Masuri with local check.

Crop/ enterprise	Farming situation	Problem Diagnosed	No. of trials	Technology Assessed	Parameters of assessments
1	2	3	4	5	6
Rice / Hybrid	Mid land		4	1. Karma Masuri	Yield and yield attribute
				2.Swarna	

Data on the parameter	Result of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
7	8	9	10	11
	Var. Karma Mashuri yield ranged between 38 to 45 q/he while sarwana yield was 36 to 48 q/hec	Although the yeild potential of sawana variety is more but being newly released variety karma Mashuri the plant protection problem are less and crop got harvested nearly 20 days earlier .		

Technology Assessment/ Refined	*production per unit	Net Return (Profit) In Rs. / unit	BC Ratio
12	13	14	15
Farmer's practice **	44	24000	2.1
Technology assessed **	41	22000	2.0
Technology refined **			

Result & conclusion: Although the yield potential of sawana variety is more but being newly released variety karma Mashuri the plant protection problem are less and crop got harvested nearly 20 days earlier that will assist in bringing more area under double crops.

OFT No. 5.- Assessment of Chemical fungicide to control the blast disease of rice

Source of technology	Characteristics of technology/variety/product	Farming situation	No. of trials	Performance indicator/parameter	Results
IGKV, Raipur	Kitazine(0.5 g/lit.) is one of the chemical can effectively be used to control Blast disease in Paddy.	Lowland	04	1. No. of Panicle per plant-	
				2. Length of Panicle-	
				3. Yield-	
				4. Infected plant/Sq. meter-	
				5. BC Ratio-	
				6. Farmers Reaction-	
				7. Feed back-	

Assessment of Chemical fungicide to control the blast disease of rice

Name of farmers	Performance indicator/parameter						
	No. of Panicle per plant	Length of Panicle	Yield (q./ha)	Infected plant/Sq. meter	BC Ratio	Farmers Reaction	Feed back
Sandeep Tiwari (Mehanda)	14	17	44	10	2.59	Kitazin is good for blast	
Rameshwer Kashyap(Merkadiah)	16	19	51	12	3.0	Kitazin is good	
Ramchandra Kashyap(Merkadiah)	20	17	50	14	2.94	Good	
Noharram Kashyap(Mehanda)	18	20	42	11	2.47	Good	

Result & conclusion: Application of Kitazin resulted 5 to 8 % more yield as compared to farmers practices.

OFT 6. Assessment of Trichoderma for wilt management in tomato.

Source of technology	Characteristics of technology/variety/product	Farming situation	No. of trials	Performance indicator/parameter	Results
IGKV, Raipur	<i>Trichoderma viridea</i> is one of the fungicide that control successfully wilt of tomato when applied as seed treatment @ 8 g/kg seed and for soil treatment along with FYM @ 50 kg/ha + 10 kg Trichoderma.	Irrigated lowland	04	1. Survival % 35 days after transplanting.	
				2. Infection plant /Sq.meter	
				3. BC ratio	
				4. Feed back	
				5. Farmers reaction	

Assessment of Trichoderma for wilt management in tomato.

Name of farmers	Performance indicator/parameter				
	Survival % 35 days after transplanting.	Infection plant /Sq.meter	BC ratio	Feed back	Farmers reaction
Rameshwer Kashyap(Merkadih)	80	5	3.0		Good
Sukhsagar Kashyap(Jarvey)	80	5	2.4		Normal
ShriLalji Suryawanshi(Sevaidih,Mehanda)	75	4	2.8		Normal
Nilkanth Suryawanshi(Kasaundi)	75	4	2.6		Normal
Haridwar Kashyap(Pacheda)	75	3	2.8		Normal

Result & conclusion: Under Trichoderma applied field condition 10 percent more tomato plant survival was noticed as compared to farmers practices.

OFT 7. Varietal assessment in okra against Yellow Vein Mosaic Virus incidence.

1. Local variety 2. Parbhani Kranti 3. Arka Anamika

Source of technology	Characteristics of technology/variety/product	Farming situation	No. of trials	Performance indicator/parameter	Results
IGKV, Raipur	From Marathwada Ag. Univ. Parbhani(1980). Plants tall, first fruiting on 5 th to 6 th no de. Av. green fruit yield 85-115 qt/ha depending on season. From IIHR, Medium height, dark green fruit, Yield 100-120 q/ha.	Midland Irrigated	05	1. Plant height	
				2. First fruiting node no.	
				3. No. of fruits/plants	
				4. Net return	
				5. B:C ratio	
				6. Farmers reaction	
				7. Feed back	

Varietal assessment in okra against Yellow Vein Mosaic Virus incidence.

Name of farmers	Performance indicator/parameter						
	Plant height (ft.)	First fruiting node no.	No. of fruits per plants	Net return (Rs.)	B:C Ratio	Farmers Reaction	Feed back
Rameshwer Kashyap(Merkadiah)	5.0	8	20	28,000/-	2.4	Good	
Nilkanth Suryawanshi (Kasaundi)	4.5	10	22	40,000/-	3.0	Good	
Lakshman Kashyap(Mahant)	5.0	10	25	28,000/-	3.0	Normal	
Shivkumar Tiwari(Munund)	5.0	6	17	6,400/-	1.32	5% disease occurs	
Sukhsagar Kashyap(Jarvey)	5.0	7	20	22,000/-	2.1	5% disease occurs	

Result & conclusion: The varieties Parbhani Kranti & Arka Anamika were less infected by YMV as compared to Durga -7 lines (local).

OFT 8. Title of on – farm trails : Assessment of Oyster mushroom variety (Indira Sweta).

Source of technology	Characteristics of technology/variety/product	Farming situation	No. of trials	Performance indicator/parameter	Results
IGKV, Raipur	High yield & high nutrition quality of Oyster mushroom (<i>Pleurotus</i> species) var. Indira sweta.	Farmers hut	05	1. Yield	
				2. Farmers Reaction	
				3. Feed back	

Assessment of Oyster mushroom variety (Indira Sweta)

Name of farmers	Performance indicator/parameter		
	Yield(gm/bag) (1kg straw per bag)	Farmers Reaction	Feed back
Rajshekhhar singh(Hardi)	600 g/bag	Good (They grew first time, so can not took precautions)	The unavailability of mushroom spawn in Janjgir-Champa and it is a limiting factor for large scale adoption, but farmers were happy to grew oyster mushroom.
Rameshwer Kashyap(Merkadiah)	500 g/bag	Good	-----do-----
Mahamaya Swasahayta	400 g/bag	Normal	-----do-----

samooh(Junadih)			
Sukhsagar Kashyap(Jarvey)	500 g/bag	Good	-----do-----
KVK, Mushroom hut(Janjgir)	650 g/bag	Good	

Result & conclusion: The yield of Oyster mushroom variety (Indira Sweta) ranged between 400 to 650 gram per bag(one Kg paddy straw) was recorded at different farmers hut.

OFT 9. Assessment of Improved Implement for Wheat Sowing.

Crop- Wheat, Variety GW- 273

S. No.	Farmers Name	Village	D. O. S.	D. O. H.	Yield (qt. / ha)	B.C	Farmers reaction
1.	Shri Sandeep Tiwari	Mehnda	29.11.08	16.03.09	27.00	2.65	Good
2.	Shri Ujjwal Pandey	Sendri	03.12.08	20.03.09	27.94	2.7	Good
3.	Shri Mrigendra Pratap	Akaltara	04.11.08	01.03.09	30.48	2.9	Good
4.	Shri Nagesh Singh	Pamgarh	07.11.08	04.03.09	20.32	1.99	Normal

Treatments = (Rotavater + T. D. Seed Trill), Rep. = 4

Result & conclusion: Sowing with the help of seed drill accounted 24-26 % more wheat yield as compared to traditional method of sowing.

OFT 10. Title of on- farm trails – Assessment of stem borer management in Rice.

Problem diagnose – Infestation of stem borer in rice, Stem borer affects the yield up to 25%

Details of technology selected for assessment –

1. Farmers practices
2. Recommended practices- Seedling treatment by Chlorpyriphos 20EC 1 ml/lit water

Source of technology – IGKV, Raipur

Performance of the technology with performance indicators – No. of affected seedling/m², Infestation per sq.m 30 & 60 days after transplanting, yield visit, Field day

Results of on farm trail of Assessment of stem borer management in Rice conducted by KVK Janjgir-Champa.

As per scheduled programme the OFT on insect control (stem borer) in the field of following farmers along with results.

Name of farmer	DOH Variety (acre) ^{1/2} & 1/2	Location Plot area	DOH	Yield/qt/h	
				FP	RP
1. Shri Narayan Prasad	20.06.08	Saragaon, Swarna	20.11.08	41	45
2. Shri Kaliram	25.06.08	Sukli, Swarna	29.11.08	42	47
3. Shri Gangaram	21.06.08	Munund, Swarna	25.11.08	37	44
4. Shri Laxman Kashyap	26.06.08	Mahant, Swarna	30.11.08	38	43

Rate of Insecticide : Chloropyriphos 20 EC (Tricel) @ 210/- per liter

Data on the parameter

Parameters	Farmers practice	Technology
No. of affected seedling/m ² at nursery stage	Nil	Nil
Infestation per sq.m. 30 & 60 days after transplanting	30 DAT 60DAT 36% 52%	30DAT 60DAT 18% 20%
Yield (qt/h)	39-50	44.75
Net return (Rs./ha)	30974/-	36235/-
Gross return (Rs./ha)	44240/-	50120/-
Cost of cultivation (Rs./ha)	13266/-	13885/-
Sle proce (Rs./qt)	1120/-	1120/-
BC ratio	3.33	3.60

Technology assessment/ Refined	Production (qt/ha)	Net return (profit) In Rs/ha	BC Ratio
Farmer practice	39.50	30974/-	3.33
Technology assessed	44.75	36235/-	3.60
Technology refined	Nil	Nil	Nil

Result & conclusion :Before transplanting, root treated with Chloropyriphos 20EC@ 1 ml was found economical and low cost techniques.

Feedback from the farmer- Farmers were ready to use root dip treatment to contraol of stem borer and also prevent other insect attack.

3.2 Achievements of Frontline Demonstrations

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

List of technologies demonstrated during previous year and popularized during 2007-08 and recommended for large scale adoption in the district

S . N o	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
1	Crop production	Line sowing, Improved varieties and balance fertilization	Improved varieties, date of sowing	18	>100	80

- **Thematic areas as given in Table 3.1 (A1 and A2)**

b. Details of FLDs implemented during 2008-09 (Information is to be

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Arhar	Kh 08	Irrig	Inceptisols	L	L	M	Rice	First fortnight of August	First fortnight of Feb.	1134	76
Til	Kh 08	Irrig	Inceptisols	L	L	M	Rice	End of June	First fortnight of Oct	1251	79
Maize	Kh 08	Irrig	Inceptisols	L	L	M	Rice	2nd week of July	1st week of Nov	1235	76
Gram	Ra	Irrig	Alfisols	M	M	H	Rice	First fortnight of december	First week march	1156	Rabi Nil
Mustard	Ra	Irrig	Alfisols	M	M	H	Rice	First fortnight of december	First week march	1235	Rabi Nil
Potato	Ra	Irrig	Alfisols	M	M	H	Rice	Last week of December	Third week of march	1235	Rabi Nil

b. furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl. No	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement
					Proposed	Actual	SC/ST	Others	Total	
1.	Arhar			Kharif 08	5	5	4	9	13	
2.	Til			Kharif 08	5	5	9	5	14	
3.	Maize			Kharif 08	4	4	00	10	10	
4.	Gram			Rabi	5	5	12	1	13	
5.	Mustard			Rabi	5	5	5	8	13	
6.	Potato			Rabi	0	1	0	04	04	

**Details of farming situation
Performance of FLD**

S N	Crop	Technology Demonstrated	Variety	No. of Farmers	Area (ha.)	Demo. Yield Qtl/ha			Yield of local Check Qtl./ha	Increase in yield (%)	Data on parameter in relation to technology demonstrated	
						H	L	A			Demo	Local
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Arhar	Balanced Fertilizer and line Sowing	Laxmi	13	5	15.50	14.3	14.85	9.8	51	Yield	Yield
2	Til	Balanced Fertilizer and line Sowing	JT-7	14	05	9.8	6.8	9.0	5.5	63	Yield	Yield
3	Maize	--- Do ---	Sampan	10	04	37.2	30.40	34.1	29.7	14.8	Yield	Yield
4	Gram	--- Do ---	Vaibav	14	5.5	15.74	11.43	13.79	7.0	97.0	Yield	Yield
5	Mustard	--- Do ---	Pusa Jai Kisan	13	5	14.4	8.0	10.33	4.4	134	Yield	Yield
6	Wheat		GW-273	04	04	30.0	25.0	27.25	20.0	36.25	Yield	Yield
7	Other than Oilseed & Pulse (Potato)		Kufri Sinduri	04	01	292.1	250.8	272.25	150.0	81.5	Yield	Yield

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

Economic Impact (continuation of previous table)

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

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Some Micronutrient deficiency appeared .Still there is unavailability of sowing implements for proper depth for different crops to maintain the plant population.

Farmers' reactions on specific technologies

S. No	Feed Back
1	Farmers were interested for short duration , insect and disease resistant high yielding varieties,
2	For rain fed area drought tolerant /resistant high yielding varieties are needed

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	5	1.Oil seed day 19/09/08 2.Dhan diwas 29/09/08 3.Gram day 17.03.09 4.Oil seed day 24.03.09 5 .Potato Diwas 26.03.09	29 34 36 41 29	
2	Farmers Training	15	In the month of May,june & July ,Sep & Oct2008	378	
3	Media coverage	12			
4	Training for extension functionaries	6	In the month of May,june & July ,Sep & Oct2008	175	

3.3 Achievements on Training (Including the sponsored and FLD training programmes):

A) ON Campus

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women									
I Crop Production									
Crop production tech	1	2	10	00	10	06	00	06	16
2.FIM	3	2	60	00	60	30	00	30	90
3.Mushroom	2	1	30	00	30	20	00	20	50
Total	6		100	00	100	56	00	56	156
(C) Extension Personnel									
Productivity enhancement in field crops	9	9	80	05	85	30	05	35	120
Micro irrigation	1	1	18	00	18	12	00	12	30
TOTAL	10	10	98	05	113	42	05	47	150

OFF Campus

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women									
I Crop Production									
Weed Management	7	1	210	28	238	110	22	26	370
Cropping Systems	5	1	155	25	180	62	08	70	250
Crop Diversification	8	1	233	47	280	108	17	125	405
Nursery management	0	0	00	00	00	00	00	00	00
Integrated Crop Management	4	1	105	11	116	60	25	85	201
Soil health and fertility management									
INM									
FIM	23	23	680	79	759	490	30	520	1200

Thematic Area	No. of Courses	Duration (days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
VII Plant Protection									
Integrated Pest Management	12	01	310	65	375	213	22	235	610
Integrated Disease Management	13	01	427	38	465	238	19	257	722
IX Production of Inputs at site									
Bio-pesticides production	1	1	19	6	25	25	0	25	50
Bio-fertilizer production	1	1	17	6	23	17	10	27	50
Vermicompost production									
Production of Bee-colonies and wax sheets									
Mushroom production	3	01	53	10	63	33	0	33	96
X Capacity Building and Group Dynamics									
Formation and Management of SHGs									
TOTAL									
(B) RURAL YOUTH									
Bee-keeping	1	1	0	0	0	0	20	20	20
TOTAL									
(C) Extension Personnel									
Productivity enhancement in field crops	10								
Micro irrigation	1	1	18	0	18	0	0	0	18
TOTAL									

b. Consolidated table (On and Off Campus)

Thematic Area	No. of Courses	Duration (days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women									
I Crop Production									
Weed Management	7	1	210	28	238	110	22	26	370
Cropping Systems	5	1	155	25	180	62	08	70	250
Crop Diversification	8	1	233	47	280	108	17	125	405
Nursery management	0	0	00	00	00	00	00	00	00
Integrated Crop Management	5	1	115	11	126	66	25	91	217
Soil health and fertility management									
INM									
FIM	26	1	749	85	776	993	30	1023	1799
VII Plant Protection									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
Integrated Pest Management	12	1	310	65	375	213	22	235	610
Integrated Disease Management	13	1	427	38	465	238	19	257	722
IX Production of Inputs at site									
Bio-pesticides production	1	1	19	6	25	25	0	25	50
Bio-fertilizer production	1	1	17	6	23	17	10	27	50
Vermicompost production									
Production of Bee-colonies and wax sheets	1	1	31	0	31	19	0	19	50
Mushroom production	5	5	83	10	93	53	0	53	146
X Capacity Building and Group Dynamics									
Formation and Management of SHGs									
TOTAL									
(B) RURAL YOUTH									
Bee-keeping									
TOTAL									
(C) Extension Personnel									
Productivity enhancement in field crops	9	9	80	5	85	30	05	35	120
Integrated Nutrient management									
TOTAL	93	93	2502	304	2806	1414	187	1601	4407

List of trainings

Date	Client	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
08.04.08		PP*, FIM** & CP***	01	Off	24	26	50	11	05	16
09.04.08		FIM,CP & PP	1	Off	32	18	50	12	06	18
10.04.08		CP, PP& FIM	1	Off	25	05	30	12	3	15
26.05.08		FIM,CP & PP	1	Off	20	10	30	00	00	00
05.06.08		PP, FIM & CP	1	of	80	20	100	10	10	20
09.06.08		FIM, PP&CP	1	Off	23	00	23	00	00	00
16.06.08		CP, FIM & PP	1	Off	44	00	44	30	00	30
23.06.08		FIM,CP & PP	1	Off	43	00	43	22	00	22
25.06.08		CP, FIM & PP	1	Off	35	00	35	00	00	00
28.06.08		FIM,CP & PP	1	Off	39	00	39	15	00	15
28.06.08		PP, CP& FIM	1	Off	40	00	40	15	00	15
29.06.08		FIM,CP & PP	1	Off	55	05	60	10	05	15
01.07.08		CP, FIM & PP	1	Off	34	00	34	08	00	08
03.07.08		FIM,CP & PP	1	Off	16	20	36	00	20	20

07.07.08		PP, FIM& CP	1	Off	50	10	60	00	10	10
14.07.08		FIM,CP &PP	1	Off	36	00	36	18	00	18
15 &16.07.08		FIM	2	on	50	00	50	25	00	25
17.07.08		CP, FIM &PP	1	Off	35	00	35	15	00	15
18.07.08		FIM,CP &PP	1	Off	50	00	50	40	00	40
21.07.08		PP, FIM&CP	1	Off	23	00	23	00	00	00
23.07.08		CP, PP& FIM	1	Off	26	00	26	03	00	03
24.07.08		FIM,CP &PP	1	Off	30	00	30	05	00	05
25.07.08		PP, CP & FIM	1	Off	41	00	41	38	00	38
29.07.08		FIM,CP &PP	1	Off	29	00	29	03	00	03
30.07.08		CP, PP& FIM	1	Off	35	00	35	06	00	06
04.08.08		FIM,CP &PP	1	Off	34	00	34	00	00	00
14.08.08		Mushroom & PP	1	Off	26	00	26	00	00	00
18.08.08		CP &PP	1	Off	22	00	22	20	00	20
19.08.08		PP	1	Off	26	00	36	11	00	11
20/08/08		PP	1	Off	23	00	23	30	00	30
21/08/08		Mushroom & pp	1	Off	10	00	10	10	00	10
25/08/08		CP &PP	1	Off	15	00	15	15	00	15
29/08/08 & 30/08/08		FIM	1	Off	20	00	20	5	0	5
04/09/08		FIM,CP &PP	1	Off	15	00	15	10	0	10
06/09/08		HB & CP	1	Off	10	00	10	16	0	16
09/09/08 & 10/09/08		FIM,CP &PP	1	Off	20	00	20	15	0	15
11/09/08		CP &PP	1	Off	15	00	15	13	00	13
17/09/08		FIM,CP &PP	1	Off	20	00	20	30	00	30
23/09/08		CP &PP	1	Off	22	00	22	16	00	16
24/09/08		FIM,CP &PP	1	Off	28	00	28	25	00	25
24/09/08		PP	1	Off	15	00	15	05	00	05
25/09/08		FIM &PP	1	Off	18	00	18	12	00	12
25/09/08		PP, FIM&CP	1	Off	32	00	32	18	00	18
27/09/08		CP &PP	1	Off	19	00	19	06	00	06
27/09/08		FIM,CP &PP	1	Off	16	00	16	10	00	10
06/10/08		PP& FIMP	1	Off	20	00	20	15	00	15
11 & 12/10/08		FIM,CP &PP	1	Off	08	00	08	20	00	20
14/10/08		pp	1	Off	25	00	25	25	00	25
15.12.08		FIM,CP &PP	1	on	18	00	18	00	00	00
16.12.08 & 17.12.08		FIM,CP &PP	1	on	18	00	18	00	00	00
26/12/08		FIM &PP	1	Off	31	00	31	19	00	00
29.12.08		PP, FIM&CP	1	Off	19	00	19	15	00	15
30.12.08		FIM,CP &PP	1	Off	22	00	22	18	00	18
31.12.08		PP	1	Off	17	00	17	00	00	00
01.01.09		CP &PP	1	Off	11	00	11	14	00	14
02.01.09		PP, FIM&CP	1	Off	15	00	15	10	00	10
03/01/09		PP	1	Off	17	00	17	23	00	23
06/01/09		CP PP& FIM	1	Off	28	00	28	22	00	22

12.01.09 & 13.01.09		FIM,CP &PP	2	Off	17	00	17	8	0	8
16.01.09		FIM,CP &PP	1	Off	30	00	30	20	00	20
23.01.09		CP PP& FIM	1	Off	30	00	30	20	00	20
24.01.09		FIM,CP &PP	1	Off	40	00	40	30	00	30
30.01.09		PP ,CP& FIM	1	Off	18	00	18	22	00	22
31.01.09		FIM,CP &PP	1	Off	07	00	07	18	00	18
02.02.09		PP, FIM&CP	1	Off	22	00	22	28	00	28
04.02.09		FIM,CP &PP	1	Off	19	06	25	25	00	25
05.02.09		PP, FIM&CP	1	Off	22	08	30	10	00	10
09.02.09		FIM,CP &PP	1	Off	30	00	30	20	00	20
13.02.09		CP, FIM, &PP	1	Off	22	00	22	28	00	28
13.02.09		FIM,CP &PP	1	Off	19	06	25	25	00	25
20.02.09		PP, FIM&CP	1	Off	17	06	23	17	10	27
23.02.09		FIM,CP &PP	1	Off	250	100	350	100	50	150
24.02.09		FIM,CP &PP	1	Off	200	50	250	210	40	250
26.02.09		FIM,CP &PP	1	Off	16	14	30	10	10	20
27.02.09		FIM,CP &PP	1	Off	31	00	31	20	00	20
05.03.09		PP CP & FIM	1	Off	09	00	09	10	00	10
13.03.09		CP &PP	1	Off	13	00	13	10	00	00
19 & 20.03.09		FIM	2	On	20	00	20	15	00	15
		Total	82		2402	304	2716	1392	169	1532

*PP = Plant Protection, **FIM = Farm Machinery and Power , ***CP = Crop Production

List of In service training

Date	Client	Title of the training programme	Duration in days	Venue (Off / On Campus)	Number of participants			Number of SC/ST		
					Male	Female	Total	Male	Female	Total
16.04.08		PP,FIM,CP, & Hort	1	On	30	00	30			
05.08.08		FIM,CP &PP	1	On	17	00	17			
06.08.08		FIM,CP &PP	1	On	16	01	17			
07.08.08		PP,FIM&CP	1	On	11	00	11			
08.08.08		FIM,CP &PP	1	On	18	01	19			
12.08.08		CP, FIM, &PP	1	On	23	00	23			
20.01.09		FIM,CP &PP	1	On	03	00	03			
21.01.09		FIM,CP &PP	1	On	10	00	10			
23.01.09		PP,FIM&CP	1	On	14	00	14			
24.01.09		PP, CP& FIM	1	On	07	00	07			

Vocational training programmes for Rural Youth : I

Sponsored Training Programmes

Thematic Area	No. of Courses	Duration (days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
(A) Farm Women									
I Crop Production									
Crop production tech									
Total									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
(B) Farmers & Farm Women									
I Honey bee , Mushroom and PP									
	01	04	13	13	26	00	00	00	26
2. Water management									
	01	07	40	00	40	10	00	10	50
Total	02	11	53	13	66	10	00	10	76

3.4. Extension Activities (including activities of FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Total		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Field Day	005	150	19	169	10	00	10	160	19	179
Kisan Mela	3	5000	2500	7500	100	20	120	5100	2620	7720
Kisan Ghosthi	3	150	15	165	00	00	00	150	15	165
Exhibition	0	00	00	00	00	00	00	00	00	00
Film Show	4	150	50	200	25	10	35	175	60	235
Method Demonstrations	00	00	00	00	00	00	00	00	00	00
Farmers Seminar	00	00	00	00	00	00	00	00	00	00
Workshop	1	00	00	00	00	00	00	50	00	50
Group meetings	00	00	00	00	00	00	00	00	00	00
Lectures	00	00	00	00	00	00	00	00	00	00

delivered as resource persons										
Newspaper coverage	50	00	00	00	00	00	00	00	00	00
Radio talks	13	00	00	00	00	00	00	00	00	00
TV talks	2	00	00	00	00	00	00	00	00	00
Popular articles	24	00	00	00	00	00	00	00	00	00
Extension Literature	6	00	00	00	00	00	00	00	00	00
Advisory Services	5	00	00	00	00	00	00	00	00	00
Scientific visit to farmers field	45	300	50	350	10	00	10	310	60	370
Farmers visit to KVK	150	100	00	100	50	00	50	150	00	150
Diagnostic visits	32	315	15	330	10	05	15	325	20	345
Exposure visits	1	50	00	50	00	00	00	50	00	50
Total	344	6215	2649	8864	205	35	240	6470	2794	9264

Note: EXTENSION ACTIVITIES: (First time at KVK office(mushroom-hut) demonstration were conducted for creation of awareness among the farmers. From one year effort, the response was positive and few innovative farmers shows keen interest for commercial mushroom-production.)

3.5 Production and supply of Technological products SEED MATERIALS

Category	Crop	Variety	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
OILSEEDS	Safflower (07-08)	JSF 1	Nearly 12.6 q	33480	Supplied to Beej Nigam
Cereals	Paddy (Kharif 08)	MTU1010 Mahamaya Danteswari IR64	21 7.4 08 29.6	99000/-	Supplied to Beej Nigam

SUMMARY

Sl. No.	Crop	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
1	OILSEEDS Safflower(07-08)	Nearly 12.6 q	33480	
2.	Paddy (Kharif 08)	Nearly 66 q	99000/-	

Note :Nearly 36 q non seed paddy supplied to mandi amounting 40,000|-

(A) 3.6.Literature Developed/Published (with full title, author & reference)

(B) KVK News Letter (Date of start, Periodicity, number of copies distributed etc.) ; The first news letter started on 16.07.08

(B) Literature developed/published Publications-

Item	Title	Authors name	No.
Research papers/Abstracts published-			
1.	ऊर्जा संकट निवारण एवं सशक्तीकरण" Awarded (Second position)	Samir Shantaiya , Shelendra Kumar, B.P. Mishra and R. N. Sharma (2008) स्मारिका सह संक्षेपिका , राज्यस्तरीय संगोष्ठी, "छत्तीसगढ़ में महिला सशक्तीकरण एवं कृषि विकास," रायपुर, 15 सितम्बर 2008, कृषि अभि. 03 पृष्ठ क्र. 122-124.	1
2.	"महिला स्व-सहायता समूह के द्वारा ट्रायकोडर्मा एवं राइजोबियम उत्पादन कर अतिरिक्त आय का सृजन- एक मूल्यांकन"	विमलाबाई, मनीष कुमार , आर. एन. शर्मा, आर. के. एस. तिवारी, नितिन कुमार तुर्रे एवं मनोज कुमार चन्द्राकर स्मारिका सह संक्षेपिका , राज्यस्तरीय संगोष्ठी, "छत्तीसगढ़ में महिला सशक्तीकरण एवं कृषि विकास," रायपुर, 15 सितम्बर 2008, कृषि -109 पृष्ठ क्र. 116-118.	1
3.	Study of technical knowledge gap and training need of Farm machinery A Case- Study"	Samir Shantaiya , R. N. Sharma, Chitrakant Verma and Vivek Rawat National Seminar on' Socio- Economic Dimensions of Technology Development and Technology MSEE, NAGPUR (MS) (2008)	1
4.	Avalability and Energy consumption in plant protection operation of Janjgir-Champa district of Chhattigarh."	S. Shantaiya , R. N. Sharma, M.K.Chandraker, N. K. Toorray and A. Shrivastav National Conference on Pest management Strategies for Food Security. May 2-3, 2008. COA, IGKVV Raipur (C.G.) (2008).	1
5.	Growing trend of synthetic pyrethroides application in Janjgir-Champa district of Chhattisgarh an alarming situation A case study"	Chandraker, M.K. , samir Shantaiya, Nitin Toorray and R. N. Sharma ,National Conference on Pest management Strategies for Food Security. May 2-3,2008. COA, IGKVV Raipur (C.G.). (2008)	1
6.	"Extension gap and impact of OFT on Hybrid rice production.	R. N. Sharma , Manish Kumar & Manoj Chandraker National Seminar on " Socio-Economic Dimensions of Technology Development and Technology MSEE,	1

		NAGPUR (MS). (2008)	
7.	Impact of KVK, Janjgir-Champa :Some fact & findings.	R. N. Sharma , M.Kumar, R.B.S.Sanger , U.S. Gautam , N.K. Toorray, S. Shantaiya, M.K. Chandraker & A. Shrivastava.5 th National Extension Education Congress- 2009 on Extension Perspective in Changing Agri-rural Environment March05-07-2009(PN196)at C. S Azad University of Agriculture Technology, Kanpur (U.P) :	1
8.	Scope and Training on adaptability of Farm Implements in Janjgir-Champa district of Chhattisgarh A CASE SYUDY”	Samir Shantaiya , R. N. Sharma and N. K Toorray. 5 th National Extension Education Congress- 2009 on Extension Perspective in Changing Agri-rural Environment March05-07-2009(PN127-28)at C. S Azad University of Agriculture Technology, Kanpur (U.P) :	1
9.	Impact of farmers field school (FFS) and strategies for horizontal spread of area under IPM.	M. K. Chandraker , N.K. Toorray, A. Shrivastava, S. Shantaiya and R.N. Sharma 5 th National Extension Education Congress- 2009 on Extension Perspective in Changing Agri-rural Environment March05-07-2009(PN134)at C. S Azad University of Agriculture Technology, Kanpur (U.P) :	1
10.	Production & promotion of different varieties of rice in KVK, Janjgir-Champa (C.G.)	Ashutosh Shrivastava . M. K. Chandraker, N.K. Toorray, S. Shantaiya and R.N. Sharma 5 th National Extension Education Congress- 2009 on Extension Perspective in Changing Agri-rural Environment March05-07-2009(PN35-36)at C. S Azad University of Agriculture Technology, Kanpur (U.P) :	1
11.	Transfer of Mushroom-cultivation and processing technology to the growers of Distt.Janjgir–Champa (Chhattisgarh).	N.K. Toorray , M. K. Chandraker, S. Shrivastava, S. Shantaiya and R.N. Sharma. 5 th National Extension Education Congress- 2009 on Extension Perspective in Changing Agri-rural Environment March05-07-2009(PN 72)at C. S Azad University of Agriculture Technology, Kanpur (U.P) :	1
12.	“Recent Advancement in Potato cultivation equipments and there scope in Janjgir-Champa district”	Samir Shantaiya , R.N. Sharma, N.K. Tooray and M.K.Chandraker.(2009) State level workshop on promotion of Potato cultivation in Chhattisgarh 29-30 January 2009 held at IGKVV, Raipur pp: 92	1
13.	“Scope and strategies for expansion of area of Potato in Janjgir-Champa district”.	M. Kumar , R. N. Shirma, N.K. Toorray, M. K. Chandraker, A. Shrivastava and S. Shantaiya (2009). State level workshop on promotion of Potato cultivation in Chhattisgarh 29-30 January 2009 held at IGKVV, Raipur pp: 92	1

14.	Occurrence of Insect pest and diseases of Potato under agro-climatic condition of Janjgir-Champa (C. G.)	M.K.Chandraker , N.K.Toorray, A. Shrivastava, S. Shantaiya and R.N.Shrma, (2009) State level workshop on promotion of Potato cultivation in Chhattisgarh 29-30 January 2009 held at IGKVV, Raipur pp: 93	1
15.	Extension gap and impact of fld on oilseed & pulse crops conducted by kvk, janjgir - champa : a case study.	R. N. Sharma , Manish Kumar, N.K. Toorray , M.K. Chandraker and S. Shantaiya.Golden Jubilee Celebration & National Seminar On Innovative Extension strategies for Agricultural Development and rural prosperity(P.N) Dec 18-20 ,2008 at Pusa ,Bihar.	1
16.	Impact of farmers field school (ffs) : a case study	M. K. Chandraker , N.K. Toorray, A. Shrivastava, S. Shantaiya and R.N. Sharma Golden Jubilee Celebration & National Seminar On Innovative Extension strategies for Agricultural Development and rural prosperity(P.N 151) Dec 18-20 ,2008 at Pusa ,Bihar.	1
17.	Hybrid rice is a boon for the farmers for enhancement of productivity of rice-	Manish Kumar , R. N. Sharma, M.K. Chandraker and N.K.Toorray. Golden Jubilee Celebration & National Seminar On Innovative Extension strategies for Agricultural Development and rural prosperity(P.N 174-75) Dec 18-20 ,2008 at Pusa ,Bihar.	1
Technical reports published-	Monthly Reports Quarterly Reports Annual Report	Manish Kumar , Nitin Kumar Toorray, Er. Samir Shantaiya, M.K.Chandraker, A. Shrivastav & Dr. R. N. Sharma.	30
KVK Newsletters published-	‘Kisan Sangwari’ -1 (April-June ‘08) & ‘Indira Kisan Mitan’ -3 (July ‘08 to March ‘09) KVK Newsletter published quarterly from KVK, Janjgir-Champa(C.G.) and distributed to farmers.	Nitin Kumar Toorray(Editor) , Manish Kumar, Samir Shantaiya, M.K.Chandraker, A. Shrivastav & Dr. R. N. Sharma.	2000

Popular articles published -			
S. No	Title	Authors name	Number
	धान के रोग, लक्षण और नियंत्रण – कृषक शृंखला सितम्बर – 2008	नितिन कुमार तुर्रे एवं डॉ. आर. एन. शर्मा ।	1
2.	मधुमक्खी पालन : कीटनाशकों से बचाव के तरीके – कृषि वर्ल्ड जुलाई– सितम्बर 2008	मनोज कुमार चन्द्राकर, नितिन कुमार तुर्रे एवं समीर शान्तैया ।	1
3.	बैल चलित यंत्रों की दक्षता से लाभ लें – कृषि वर्ल्ड जुलाई– सितम्बर 2008	समीर शान्तैया, डॉ. अजय वर्मा एवं डॉ. आर. एन. शर्मा	1
4.	बैंगन में कीट एवं रोग तथा उनका नियंत्रण – कृषि वर्ल्ड जुलाई– सितम्बर 2008	मनोज कुमार चन्द्राकर नितिन कुमार तुर्रे एवं डॉ. आर. एन. शर्मा	1
5.	प्राकृतिक फसल सुरक्षा (आई. पी. एम.) क्या है ? एक नजर– कृषि वर्ल्ड जुलाई– सितम्बर 2008	नितिन कुमार तुर्रे	1
6.	चने के कीटव्याधि का जैविक विधि से नियंत्रण – कृषि वर्ल्ड जुलाई– सितम्बर 2008	नितिन कुमार तुर्रे	1
7.	निंदाई–गुड़ाई यंत्रों की पहचान – कृषि वर्ल्ड जुलाई– सितम्बर 2008	समीर शान्तैया एवं डॉ. अजय वर्मा	1
8.	बहु उपयोगी कृषि यंत्र एवं रखरखाव – कृषि वर्ल्ड जुलाई– सितम्बर 2008	समीर शान्तैया एवं डॉ. आर. एन. शर्मा	1
9.	अरहर के रोग, लक्षण व नियंत्रण – कृषक शृंखला अक्टूबर – 2008, पृ. क्र. 25	नितिन कुमार तुर्रे एवं डॉ. आर. एन. शर्मा	1
10.	तिलहनी फसलों की बीमारियों का नियंत्रण – कृषक शृंखला अक्टूबर – 2008, पृ. क्र. 37	नितिन कुमार तुर्रे, मनोज चन्द्राकर एवं डॉ. आर. एन. शर्मा	1
11.	“फसलों का मित्र फफूंद ट्रायकोडर्मा विरडी” – कृषक शृंखला, नवम्बर– 2008, पृ. क्र. 28	नितिन कुमार तुर्रे एवं मनीष कुमार, कृ. वि. केन्द्र, जांजगीर–चाम्पा	1
12.	सब्जियों के रोग, पहचान एवं उनका नियंत्रण – कृषक शृंखला – वर्ष 05, अंक 12, दिसम्बर 2008 पृ. क्र. 15	नितिन कुमार तुर्रे, मनोज कुमार चन्द्राकर	1
13.	चने एवं मटर की फसल, प्रमुख रोग/कीट व उनका नियंत्रण– विश्व कृषि संचार – वर्ष 11, अंक 7, दिसम्बर 2008 पृ. क्र. 49–52.	नितिन कुमार तुर्रे, मनोज कुमार चन्द्राकर, समीर शान्तैया एवं आर. एन. शर्मा	1
14.	गन्ने में समन्वित कीट/रोग प्रबंधन – कृषक शृंखला – वर्ष 06, अंक 01, जनवरी 2009 पृ. क्र. 17–20.	मनोज कुमार चन्द्राकर एवं नितिन कुमार तुर्रे,	1
15.	आलू की प्रमुख बीमारियां एवं उनका नियंत्रण – कृषक शृंखला – वर्ष 06, अंक 02, फरवरी 2009 पृ. क्र. 19–21.	नितिन कुमार तुर्रे एवं डॉ. आर. एन. शर्मा	1
16.	सघन धान प्रणाली – जल का सदुपयोग – कृषक शृंखला – वर्ष 05, अंक 02, फरवरी 2009 पृ. क्र. 9–12.	आशुतोष श्रीवास्तव एवं नितिन कुमार तुर्रे	1
17.	वातावरणीय कारकों का कीट संख्या पर प्रभाव व नियंत्रण – विश्व कृषि संचार – वर्ष –11, अंक–9, फरवरी 2009 पृष्ठ संख्या 11–12.	मनोज कुमार चन्द्राकर, नितिन कुमार तुर्रे, आशुतोष श्रीवास्तव एवं डॉ. आर. एन. शर्मा	1
18.	पिछेती गेहूँ की सफल खेती कैसे करें ? जाज्वल्या 2009 कृषि स्मारिका, जांजगीर पृष्ठ क्र. 48–49.	डॉ. आर. एन. शर्मा	1

19.	धान की फसल में बियासी करने हेतु उन्नत कृषि यंत्रों की उपयोगिता व महत्व – जाज्वल्या 2009 कृषि स्मारिका, जांजगीर पृष्ठ क्र. 46-47.	इंजी. समीर शान्तैया	1
20.	जैविक खेती – आमदनी का स्रोत – जाज्वल्या 2009 कृषि स्मारिका, जांजगीर पृष्ठ क्र. 41-43.	नितिन कुमार तुर्रे	1
21.	नीम – एक कल्पवृक्ष – जाज्वल्या 2009 कृषि स्मारिका जांजगीर पृष्ठ क्र. 44-45.	मनोज कुमार चन्द्राकर	1
22.	हसदेव नहर प्रणाली में मृदा एवं जल प्रबंधन द्वारा द्विफसलीकरण कैसे करें ? जाज्वल्या 2009 कृषि स्मारिका, जांजगीर पृष्ठ क्र. 39-40.	मनीष कुमार	1
23.	लाख की खेती कैसे करें ? जाज्वल्या 2009 कृषि स्मारिका, जांजगीर पृष्ठ क्र. 50-52.	आशुतोष श्रीवास्तव	1
24.	कद्दूवर्गीय सब्जियों के प्रमुख रोग व नियंत्रण – कृषक श्रृंखला – वर्ष 06, अंक 03, मार्च 2009 पृ. क्र. 37-38.	नितिन कुमार तुर्रे एवं डॉ. आर. एन. शर्मा	1

लघु पुस्तिका

1.	खरीफ फसलों हेतु उन्नत कृषि यंत्रों के प्रयोग कर उत्पादन बढ़ायें	इंजी. समीर शान्तैया, डॉ. अजय वर्मा एवं डॉ. आर. एन. शर्मा (2008)	50
2.	उन्नत कृषि यंत्रों का प्रयोग कर जल प्रबंधन व अच्छा उत्पादन कैसे लें	इंजिनियर समीर शान्तैया, डॉ. आर. एन. शर्मा एवं मनोज कुमार चन्द्राकर (2009), कृ. वि. के0, जांजगीर-चाम्पा	50

तकनीकी बुलेटिन

1.	सघन धान प्रणाली से उत्पादन बढ़ायें,	आशुतोष श्रीवास्तव, मनोज कुमार चन्द्राकर, नितिन कुमार तुर्रे एवं डॉ. आर. एन. शर्मा (2009), कृ. वि. के0, जांजगीर-चाम्पा	50
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प्रसार पत्रिका

1.	सब्जियों की प्रमुख बीमारियों की पहचान व उनके नियंत्रण के उपाय	नितिन कुमार तुर्रे, आशुतोष श्रीवास्तव एवं डॉ. आर. एन. शर्मा (2009), कृ. वि. के0, जांजगीर-चाम्पा	100
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(C) Details of Electronic Media Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
1	C D	Package and practices of safflower production.	
2	C D	Tricoderma and Rhizobium production technique.	

Success stories/Case studies, if any (two or three pages write-up on each case with suitable action photographs)

प्रगतिशील कृषक श्री रामेश्वर कश्यप की सफलता की कहानी –

मैं रामेश्वर लाल कश्यप पिता श्री मुरली प्रसाद कश्यप मुकाम मरकाडीह पो. आ. धुरकोट तह. व थाना जांजगीर, जिला जांजगीर-चाम्पा (छ.ग.) का निवासी हूँ । मेरे पिताजी एक गरीब किसान हैं उन्होंने मुझे अथक प्रयास करके एम. ए., एल. एल. बी. तक पढ़ाया । मैंने पढ़ाई समाप्त करने के बाद सन् 1988 से वकालत करना शुरू कर दिया तथा सन् 2001 तक विधि व्यवसाय से जुड़ा रहा । हम लोगों का संयुक्त परिवार है । चूंकि सन् 2001 में मेरे पिता जी की तबियत खराब हो जाने एवं कृषि कार्य करने में असमर्थ होने के कारण नौकर एवं मजदूरों के सहारे कृषि कराया जिससे बहुत नुकसान हुआ, फलस्वरूप बाध्य होकर मुझे विधि व्यवसाय छोड़कर कृषि कार्य करना पड़ा ।



इसी दरमियान सन् 2005-06 में हमारे गांव में एक दिन डॉ. आर. एन. शर्मा जी, कार्यक्रम समन्वयक एवं श्री मनीष कुमार जी विषय वस्तु विशेषज्ञ, कृषि विज्ञान केन्द्र, जांजगीर-चाम्पा वाले आये और कृषि की उन्नत तकनीक, की जानकारी दी तथा मुझे एम. टी. यू. 1010 धान 60 किलो डिमास्ट्रेशन के लिए मुफ्त में दिया तथा साथ में पेंडिमेथिलीन निंदानाशक दवाई भी दी । मैंने उन्हीं के निर्देशन में नर्सरी में पौधा तैयार कर रोपा लगाया, जिसमें मुझे पहले छिड़का पद्धति से खेती कर रहा था उसकी तुलना में 1½ गुना अधिक पैदावार प्राप्त हुआ । सन् 2007-08 में कृषि विज्ञान केन्द्र के वैज्ञानिक श्री नितिन कुमार तुर्रे ने उन्नत किस्म की भिण्डी के बीज तथा आयस्टर मशरूम का प्रदर्शन हमारे प्रक्षेत्र में किया जिससे मुझे काफी लाभ हुआ व तकनीकी जानकारी प्राप्त हुई । इंजीनियर समीर शान्तैया ने उन्नत कृषि यंत्रों के बारे में विस्तृत जानकारी तथा बियासी व अन्य महत्वपूर्ण यंत्र इस क्षेत्रों में उपयोग करने हेतु प्रेरित किया ।

डॉ. शर्मा जी एवं श्री तिवारी जी ने मुझे कृषि प्रशिक्षण शिविर में इंदिरा गांधी कृषि विश्वविद्यालय, रायपुर एवं कृषि विज्ञान केन्द्र, बिलासपुर में कृषक प्रशिक्षण एवं भ्रमण कार्यक्रम में भाग लेने का अवसर प्रदान किया जहां मुझे विभिन्न वैज्ञानिकों द्वारा कृषि तकनीक की नये-नये कृषि यंत्र, उन्नत किस्म के बीज, बीजोपचार के उपाय एवं कृषि फसल के सुरक्षा की अच्छी तकनीकी जानकारी प्राप्त हुई । जिसके लिये मैं कृषि विज्ञान केन्द्र, जांजगीर-चाम्पा के सभी वैज्ञानिकों का हृदय से अभारी हूँ । वर्तमान में खेती-किसानी में नये-नये प्रयोगकर पैदावार बढ़ाने के लिये निरंतर प्रयासरत हूँ ।

प्रगतिशील गांव सेन्दरी में उन्नत कृषि यंत्रों के प्रशिक्षण व प्रदर्शन का प्रभाव

प्रगतिशील गांव सेन्दरी विकासखण्ड नवागढ़ (जिला जांजगीर-चाम्पा) में दिनांक 24-10-08 को कृषि यंत्रों के प्रशिक्षण के दौरान किसानों की तत्परता उन्नत कृषि यंत्रों के प्रति काफी लगन पूर्वक देखने को मिली । इंजीनियर समीर शान्तैया के द्वारा उन्नत यंत्र जैसे बियासी हल व तेंदुआ आयरन हल व अन्य यंत्रों को विस्तृत जानकारी तथा प्रदर्शन किया । प्रशिक्षण के ही दौरान ग्राम सेन्दरी के लगभग 35 किसानों ने बैल चलित बियासी यंत्र के लिये एक साथ अनुदान की राशि जमा कर दिया तथा 25 किसानों ने तेंदुआ आयरन हल के लिये राशि जमा किये । इस मौके पर डॉ. आर. एन. शर्मा, श्री नितिन कुमार तुर्रे आदि वैज्ञानिक तथा इपको के अधिकारी श्री तिवारी जी आदि ने किसानों का मार्गदर्शन व उत्साहवर्धन किया ।



3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year

3.9 Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK

3.10 Indicate the specific training need analysis tools/methodology followed for

- Identification of courses for farmers/farm women: Value addition & Embroidery
- Rural Youth : Hybrid rice seed production technology training .
- In-service personnel : Soil test based & targeted yield based extension training should be organized.
- Marketing & post harvest management .
- Value addition
- Maintenance and repair of small scale farm implements.

3.11 Field activities

- i. Number of villages adopted :1
- ii. No. of farm families selected :30
- iii. No. of survey/PRA conducted:4

3.12. Activities of Soil and Water Testing Laboratory

1.. Details of samples analyzed so far :

Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
Soil Samples	200	200	3	Through IFFCO
Total				

4.0 IMPACT

4.1. Impact of KVK activities (Not to be restricted for reporting period)

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)	
			Before (Rs./Unit)	After (Rs./Unit)
Quality seed production@	500	30 %		
Seed treatment	200	30%		
Mushroom production	300	3 %		
Trichoderma & Rhizobium production	50	60 %		
Honey bee production	100	3 %		
Awareness reg. Farm implement	20	20%		
A)Rotovator & B) Improved biasi	200	25%		
Hybrid Rice @	600	22 %		

@ In Janjgir _champa districts this year six fold increase in Quality seed sale.

@ In year 2003 -04 the area under hybrid rice was 60 ha only that increase 14 times more.

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants.

4.2. Cases of large scale adoption

- In year 2008-09 nearly 250 q. medium duration variety M. T. U. 1010 was produce in adopted village in Kharif..
- In Janjgir- Champa district the area under hybrid rice was nearly 60 ha. Which increased more then 14 times.

4.3 Details of impact analysis of KVK activities carried out during the reporting period

5.0 LINKAGES

5.1 Functional linkage with different organizations

Name of organization	Nature of linkage
1. NABARD	Training and diagnostic survey
2. IFFCO	-----do-----
3. KRIBCO	-----do-----
4. NGO	-----do-----
5. AGRICUTURE DEPATMENT	-----do-----
6.Horticulture Department	-----do-----
7.Fishrires Department	-----do-----
8.District administration	ATMA & NADP

5.2 List special programmes undertaken by the KVK, which have been financed by State Govt./Other Agencies : Not applicable

5.3 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes

S. No.	Programme	Nature of linkage	Remarks
1	P. C. had attended the training programme at Raipur		
2.	For preparation of SREP	Technical assistance	

5.4 Give details of programmes implemented under National Horticultural Mission

S. No.	Programme	Nature of linkage	Constraints if any
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6. PERFORMANCE OF INFRASTRUCTURE IN KVK

7. FINANCIAL PERFORMANCE

7.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
With Host Institute	S. B. I.	Janjgir	10784114943

7.2 Utilization of funds under FLD on Oilseed (Rs. In Lakhs)

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2009
	Kharif 2007	Rabi 2007 -08	Kharif 2007	Rabi 2007-08	
Inputs					
Extension activities					
TA/DA/POL etc.					
TOTAL					

7.3 Utilization of funds under FLD on Pulses (Rs. In Lakhs)

Item	Released by ICAR		Expenditure		Unspent balance as on 1 st April 2009
	Kharif 2008	Rabi 2008 -09	Kharif 2008	Rabi 2008-09	
Inputs					
Extension activities					
TA/DA/POL etc.					
TOTAL					

7.4 Utilization of funds under FLD other than oilseed & pulse (Rs. In Lakhs)

Sl. No.	Crop	Allotted Amount	Expenditure	Balance on 1/4/09
1	FLD Maize from Kharif(DRS Office)	49500/-	49500/-	Nil
	Total	49500/-	49500/-	Nil

7.5.1 Utilization of KVK funds during the year 2007 -08 (previous year)

S. No.	Particulars	Sanctioned (Rs.)	Released (Rs.)	Expenditure (Rs.)
A. Recurring Contingencies				
1	Pay & Allowances	1799315/-		1400123/-
2	Traveling allowances	50000/-		37070/-
3	Contingencies	550000 /-		389597/-
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)			282157/-
B	POL, repair of vehicles, tractor and equipments			88440/-
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)			9000/-
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)			10000/-
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)			
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)			
G	Training of extension functionaries			
H	Maintenance of buildings			
I	Establishment of Soil, Plant & Water Testing Laboratory			
J	Library			
TOTAL (A)		2399315/-		1826790/-
B. Non-Recurring Contingencies				
1	Works			
2	Equipments including SWTL & Furniture			
3	Vehicle (Four wheeler/Two wheeler, please specify)			
4	Library (Purchase of assets like books & journals)			
TOTAL (B)				
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		2399315/-		1826790/-

7.5.2 Utilization of KVK funds during the year 2008 -09 (Current year)

S. No.	Particulars	Sanctioned (Rs.)	Released (Rs.)	Expenditure (Rs.)
A. Recurring Contingencies				
1	Pay & Allowances	2000000/-	2000000/-	2025235/-
2	Traveling allowances	80000/-	80000/-	65738/-
3	Contingencies	640000/-	640000/-	539527/-
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)			3,45,573/-
B	POL, repair of vehicles, tractor and equipments			103954/-
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)			10000/-
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)			30000/-
E	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)			50000/-/-
F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)			
G	Training of extension functionaries			
H	Maintenance of buildings			
I	Establishment of Soil, Plant & Water Testing Laboratory			
J	Library			
TOTAL (A)		2720000/-	2720000/-	2630500/-
B. Non-Recurring Contingencies				
1	Works			
2	Equipments including SWTL & Furniture			
3	Vehicle (Four wheeler/Two wheeler, please specify)			
4	Library (Purchase of assets like books & journals)			
TOTAL (B)		0	0	0
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)		2720000/-	2720000/-	2630500/-

7.5 Status of revolving fund (Rs. in lakhs) for the three years

Year	Opening balance as on 1 st April(Rs.)	Income during the year (Rs.)	Expenditure during the year (Rs.)	Net balance in hand as on 1 st April of each year (Rs.)
April 2004 to March 2005	Nil	Nil	Nil	Nil
April 2005 to March 2006	100000/-	Nil	52595/-	47405/-
April 2006 to March 2007	47405/-		42140/-	6809/-
April 2007 to March 2008	6809/-	28600+24696+156= 53452	46778/-	13493/-
April 2008 to 31 st March 2009	13493/- +100000 (loan) =113493	126444/-	192981/-	46956/-

8.0 Please include information which has not been reflected above (write in detail).

8.1 Constraints

(Signature of Programme Coordinator)

Photographs (Activities of KVK, Janjgir-Champa)-



कृषि विज्ञान केन्द्र, जांजगीर में आयोजित वैज्ञानिक सलाकार समिति 2008 की बैठक में माननीय कुलपति महोदय द्वारा विभिन्न कृषि साहित्यों का विमोचन



केन्द्र में दो दिवसीय राज्य स्तरीय अग्रिम पंक्ति प्रदर्शन सह प्रशिक्षण कार्यशाला



(धान दिवस)



कृषि विज्ञान केन्द्र, प्रक्षेत्र की गतिविधियाँ

कृषक के खेत में संकर धान के एक पौध से 39-110 कंसों का उत्पादन



मशरूम उत्पादन तकनीक पर महिला कृषक प्रशिक्षण



कृषि विज्ञान केन्द्र, प्रक्षेत्र की गतिविधियाँ



जाज्वलय देव लोक महोत्सव एवं एग्रीटेक कृषि मेला के किसान संगोष्ठी में कलेक्टर जांजगीर-चाम्पा, कृषि विज्ञान केन्द्र के वैज्ञानिकों के मार्गदर्शन में दिनांक 23/02/09 को सम्पन्न ।



चना दिवस, 17/03/09 ग्राम कुंदरुझांझ



तिलहन दिवस, दिनांक 24/03/09 ग्राम सुल्ताननार



उन्नत कृषि यंत्रों पर दो दिवसीय प्रशिक्षण, दिनांक 19-20 मार्च 2009 कृ. वि. के., जांजगीर-चाम्पा



कृषक दिवस, दिनांक 26/03/09 ग्राम जांजग



युवाओं को कृषि उपकरण पर मरम्मत एवं रखरखाव पर प्रशिक्षण ग्राम बलौदा



ग्राम जर्वे में कृषक प्रशिक्षण



खेत की तैयारी व सीड ड्रिल द्वारा कृषकों के खेत में प्रयोग ग्राम मेंहदा

डॉ. आर. एन. शर्मा राष्ट्रीय पुरस्कार से सम्मानित

दिनांक 07 मार्च, 2009 को सोसायटी ऑफ एक्सटेंशन एजुकेशन द्वारा “चन्द्रशेखर आजाद कृषि एवं तकनीकी विश्वविद्यालय, कानपुर (उ.प्र.)” में आयोजित पांचवें राष्ट्रीय प्रसार शिक्षा कांग्रेस - 2009 में कृषि विज्ञान केन्द्र, जांजगीर-चाम्पा के कार्यक्रम समन्वयक, डॉ. आर. एन. शर्मा को तकनीकी स्थानांतरण के क्षेत्र में उत्कृष्ट योगदान के लिये **Best K.V.K Professional Award - 2009** से सम्मानित किया गया, जो कि छत्तीसगढ़ अंचल के लिये गौरव का विषय है ।