

PROFORMA FOR 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	
Krishi Vigyan Kendra, Bilaspur	Krishi Vigyan Kendra, Sarkanda Farm, Bilaspur (C.G.)	07752-255024	07752-255024	07752-255024	kvkbilaspur@rediffmail.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 Krishi Vishwavidyalaya, Raipur (C.G.)	Indira Gandhi Krishi Vishwavidyalaya, Raipur Krishak Nagar, Raipur (C.G.)	0771	0771-2443419	0771-2442302	www.igau.edu.in

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

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. R.K.Shukla	07752-254941	94255-40818	Kvkbilaspur@rediffmail.com

1.4. Year of sanction : 1984

1.5. Staff Position (as on 31st March, 2009)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale with present basic	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
1	Programme Coordinator	Dr. R.K.Shukla	PC	Agronomy	12000-18300/- (17880/-)	18.08.04	Temporary on regular basis	Gen.
2	Subject Matter Specialist	Sh. D.K.Sharma	SMS	Extension	12000-18300/- (17460/-)	30.06.1995	Temporary basis	Gen
3	Subject Matter Specialist	Smt. Vinamarta Jain**	SMS	Agronomy	8000-13500/- (9100/-)	02.04.03	Temporary basis	Gen
4	Subject Matter Specialist	Dr. Gaurav Sharma	SMS	Horticulture	8000-13500/- (9100)	25.10.07	Temporary (On Probation)	Gen
5	Subject Matter Specialist	Er. U.K. Dhruw	SMS	FMP (Ag. Engg.)	8000-13500/- (8000)	03-11-07	Temporary (On Probation)	ST
6	Programme Assistant	Smt. Nivedita Pathak	PA	H.Sc.	(5500-9000) (7250/-)	15.11.06	Temporary on regular basis	Gen

7	Computer Programmer	Sh. D.P.S Chouhan	PA	Fisheries	(5500-9000) (6825/-)	22.11.93	Temporary on regular basis	Gen
8	Farm Manager	Dr. S.K.Upadhyay	Farm Manager	Agronomy	6500-10500/- (8100/-)	21.07.06	Temporary on regular basis	Gen
9	Accountant / Superintendent	Sh. D.K.Pandey	Asst. Gr. I	-	4500-7000 5400	30.07.97	Temporary	Gen
10	Stenographer	Smt. Vinita Banjare*	Asst. Gr. II	-	4000-6000(4200)	18.07.06	Temporary on regular basis	SC
11	Driver	Sh. M.L.Vaishnav	-	-	3500-5200 (4800)	1.1.1986	Temporary	OBC
12	Supporting staff	Sh. Indram Patel	Cook/helper	-	2610-3540 (3475)	1.1.1986	Temporary	OBC
13	Supporting staff	Smt. Sahodara Bai	Messenger	-	2550-3200 (2550/-)	16.09.08	Temporary on probation	OBC

** On study leave for Ph.D. * Attached to DES, IGKV, Raipur

1.6. Total land with KVK (in ha) :

S. No.	Item	Area (ha)
1	Under Buildings	1.70
2.	Under Demonstration Units	0.60
3.	Under Crops	7.0
4.	Orchard/Agro-forestry	1.28
5.	Others	0.80

1.7. Infrastructural Development:

A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Admin. Building	ICAR	1987	550	6.0 lack			
2.	Farmers Hostel	ICAR	1991	305	6.0 lack			
3.	Staff Quarters (6)	ICAR				2005	400	Under construction
4.	Demo. Units (2)	ICAR						
5	Fencing	-						
6	Rain Water harvesting system	-						
7	Threshing floor	Univ.	2001-02					
8	Farm godown	Univ.	2001-02					

B) Vehicles

Type of vehicle	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Marshel Jeep (Delux)	2003	3.65 lakh	65698	Working
Motorcycle (CK 10 ZK 0856)	1994		7067	Working
Motorcycle (Hero Honda) Passion plus	2007	0.50 lakh	29256	Working

C) Equipments & AV aids

Name of the equipment	Year of purchase	Value (Rs in lakh)	Present Status
VCD MP 3 CD player	2003	0.049	Working
Pen drive with MP 3 Player	2005	0.039	Working
Pen drive without MP 3 player	2005	0.029	Working
Computer table	2003	0.01	Working
Chairs	2003	0.09	Working
Spiral binding machine	2005	0.029	Working
Report staple machine	2005	0.008	Working
Exhaust Fan	2005	0.011	Working
Wall mounting fan	2006	0.016	Working
Printer HP PCS 1400 All in one	2005	0.052	Working
Physical balance	2006	0.015	Working
Rotary flask shaker	2006	0.179	Working
Digital conductivity meter	2006	0.079	Working
Digital UV spectrophotometer	2006	1.02	Working
Standard 232 interface	2006	0.169	Working
All glass water distillation unit	2006	0.122	Working
Nitrogen distillation unit	2006	0.41	Working
Microprocessor based digital flame photometer	2006	0.348	Working
Hot air oven	2006	0.249	Working
Digital pH meter	2006	0.86	Working
Lab grinder	2006	0.099	Working
Refrigerator	2006	0.165	Working
Stored grain IPM Kit	2006	0.082	Working
Photocopier CANON	2007	0.45	Working
Stabilizer	2007	0.047	Working
Two wheeler motorcycle Hero Honda	2007	0.50	Working
Marshel	2003	3.65	Working
Jeep trolley	2003	0.19	Working
Motorcycle	1994	0.25	Working
LCD projector	2004	1.14	Working
Laptop	2004	0.94	Working
Rotavator	2004	0.71	Working
Tractor with trolley	1994	2.35	Working

d. Details of farm implements available with KVK (Purchased from any source)

S.No.	Name	Number	Year of purchase	Present condition (working / needs repair/ not repairable)
1.	Chaff cutter	01	1985	Working
2.	Lawn mover	01	1985	Working
3.	Seed cum fertilizer drill	01	2001	Working
4.	Multicrop thresher	01	2001	Working
5.	Tractor mounted reaper	01	2001	Working
6.	M. B. Plough	01	2001	Working
7.	Groundnut thresher	01	2003	Working
8.	Rotavator	01	2004	Working
9.	Zero seed drill	01	2004	Working
10.	Levellor	01	2001	Working
11.	Paddy padel thresher	03	1985	Working

If any farm implement is more than one, please mention separately yearwise as they purchased

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

Sl.No.	Date	Number of Participants	Salient Recommendations	Action taken
1	29/07/08	43	-	All the recommendations made have been and are being implemented

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.	Agriculture
2.	Horticulture
3.	Animal husbandry
4.	Fisheries
5.	Vermicompost
6.	Bee keeping
7.	Poultry
8.	Sericulture

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

S. No	Agro-climatic Zone	Characteristics
1.	Chhattisgarh plain	Average annual rainfall 1115mm, Average rainy days : 59 days/year, Soils : Dorsa 32%, Kanhar 25 %, Matasi 22 %, Bhata 8 %

S. No	Agro ecological situation	Characteristics
1.	AES I	Plain area with medium rainfall (1350- 1450 mm)
2.	AES II	Plain area with low rainfall (1200-135 mm)

2.3 Soil types

S. No	Soil type	Characteristics	Area in ha (In %)
1.	Dorsa	Loamy soil with low water retention capacity	32 %
2.	Kanhar	Clay 56 % with higher water holding capacity	25 %
3.	Matasi	Sandy loam	22 %
4.	Bhata	Less clay %	8 %

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

S. No	Crop	Area (,ha)	Production (Qtl)	Productivity (kg /ha)
	Cereals			
1	Paddy	286.84	576.56	2010
2	Maize	7.805	9.60	1230
3	Jowar	0.522	0.522	1000
4	Kodo-kutki	1.12	0.350	314
5	Wheat	24.10	30.12	1250
	Oilseeds			
6	Groundnut	5.03	6.54	1300
7	Soybean	5.14	6.43	1250
8	Til	3.81	1.18	310
9	RamTil	1.28	0.358	280
10	Sunflower	0.02	0.016	1100
11	Mustard	5.75	3.76 proposed	655
	Pulses			
12	Arhar	10.280	13.64	1300
13	Moong	3.228	1.69	525
14	Urid	6.810	3.23	475
15	Kulthi	2.500	0.925	370
16	Gram	32.94	25.69	1000

2.5. Weather data

Month	Rainfall (mm)	Temperature ° C		Rainy day	Relative Humidity (%)
		Maximum	Minimum		
April, 2008	29.6	39.1	21	2	
May, 2008	4.4	41.7	25.4	2	
June, 2008	280.2	34.3	25.1	17	
July, 2008	165.4	32.2	25	19	
Aug, 2008	241	31.7	25.1	17	
Sept, 2008	213.8	32.3	24.1	10	
Oct, 2008	15.4	32.1	19.4	1	
Nov, 2008	6.4	30.1	15.3	1	
Dec, 2008	0.0	29.3	12	0	
Jan, 09					
Feb, 09					
March, 09					

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

Category	Population	Production	Productivity
Cattle			
<i>Crossbred</i>	5662	-	1,79,256 lit/day
<i>Indigenous</i>	395335	-	
Buffalo	29759	-	
Sheep			
<i>Crossbred</i>	--	-	-
<i>Indigenous</i>	6205	-	-
Goats	1,32,003	-	-
Pigs			
<i>Crossbred</i>	546	-	5000 kg/day
<i>Indigenous</i>	8646	-	
Rabbits	-	-	-
Poultry			
Hens	-	-	-
<i>Desi</i>	446667	-	85,538/day
<i>Improved</i>	10000	-	
Ducks	-	-	-
Turkey and others	-	-	-
Fish	-	-	-
<i>Marine</i>	-	-	-
<i>Inland</i>	-	--	-
Prawn	-	-	-
Scampi	-	-	-

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.	Marwahi, Lormi, Mungeli, Takhatpur Kota, Belha, Mastori, Gorella, Bilaspur,	Marwahi, Gorella 1, Gorella 2, Lormi, Mungeli, Takhatpur Kota, Belha, Mastori, Patharia	Goindra, Manjoor Pehari, Karra Jali, Bachhali khurd and Kachhar	Rice, Maize, Vegetables, wheat , Gram , Lac culture, Animal husbandary	<ul style="list-style-type: none"> • Low production in Kharif crops due to erratic rainfall and insect pest and diseases. • Lack of Weed management practices at critical stage of crop growth • Low yield of sugarcane in the district. • Unavailability of quality seed of soybean and Unawareness about soybean seed production technology • Poor adoption of agronomical practices and use of improved variety • Unavailability of quality seed of wheat • Imbalance use of fertilizers in vegetable crops • Low organic matter in soils • Lack use of biofertilizers and manures in Maize. • Less yield due to mosaic problem in moong/urd 	<ul style="list-style-type: none"> Crop diversification in upland rice field Varietal replacement of various crops Weed management at critical period Insect pest and disease management at critical crop growth stage Combined use of inorganic and organic fertilisers Balance use of fertilizer Safe grain storage Management of malnutrition

2.7 Priority thrust areas

S. No	Thrust area
1.	<ul style="list-style-type: none"> • Crop diversification in upland rice field • Varietal replacement of various crops • Weed management at critical period • Insect pest and disease management at critical crop growth stage • Combined use of inorganic and organic fertilisers • Balance use of fertilizer • Safe grain storage • Management of malnutrition

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.	Varietal replacement of paddy	Paddy	Low yield of paddy	Assessment of Hybrid rice with traditional rice using by farmers	FLD on Paddy MTU 1001	Improved production technology of paddy	Hybrid rice production technology	Krishak Gosthi	Seed
2.	Weed management at critical crop growth period	Paddy	Low yield of paddy due to infestation of weeds in upland condition	Weed management in Direct seeded rice		Method of herbicidal application in paddy		Training & Farmers meeting	Weedicide
3.	Balance use of chemical fertilizer	Paddy	Low yield of paddy due to Khaira disease	Assessment of zinc application for the control of Khaira disease		Balance use of fertilizer		Group discussion	ZnSo ₄
4.	Crop diversification in upland rice fields	Soybean	Low area and productivity in the district	-	FLD on soybean	Improved cultivation technology of soybean	Improved cultivation technique on oilseed,	Training, meetings, field visit	Seed, Culture, Thiram
5		Arhar	Lack use of improved variety	-	FLD on Arhar	Improved cultivation technology of Arhar	Improved cultivation technique on pulses	Training, field day, technique demonstration	Seed, Culture, Trichoderma, Betavex power
6		Mustard	Late sowing of mustard with desi variety	-	FLD on mustard	Improved cultivation technique of Mustard	Improved cultivation technique on oilseed,	Field day, Trainings, group discussion	Seed, fertilizer (IFFCO), insecticide, seed treatment

7		Gram	Late sowing of gram with desi variety		FLD on Gram	Improved cultivation technology of Gram	Improved cultivation technique on pulse	Field day, Trainings, group discussion	Seed, Seed treatment
8		Wheat	Use of local variety		FLD on wheat	Improved cultivation technology of wheat	Improved cultivation technique of wheat	Trainings	Seed
9		Brinjal	Use of local variety without seed treatment	Varietal Assessment of brinjal against wilt	OFT	Nursery management technology, Improved cultivation practices and disease and pest management		Group discussion, Training, method demonstration	Seed, trichoderma
10		Cucurbit crops	Poor and late germination of seed due to hard seed coat of incidence of cucurbitaceous vegetables and incidence of diseases at primary crop stage	Assessment of fungicides in cucurbitaceous vegetable crops	OFT	Plant protection techniques for cucurbits & Seed treatment in cucurbits		Group discussion, Training, method demonstration	Seeds and fungicidal solution of Bavistin @ 1gm/ltr of water + 2 gm D-M 45
11		Rice		Assessment of serrated sickle for harvest in rice	OFT	serrated sickle for harvest in rice		Trainings, group discussion	Serrated sickle
12		Wheat	Low yield of wheat due to broadcasting method of sowing	Assessment of Zero tillage seed drill machine	OFT	Use of zero seed drill and its importance in crop cultivation		Group discussion, Training, method demonstration	Zero seed drill machine

13		-	Low efficiency of existing rural information delivery system	Assessment of information technology through Kisan Mobile Sandesh (KMS)	OFT	Importance of Information of Technology		Group discussion, Training, method demonstration	ICT based alternate rural information delivery system through KMS.
14		Rice	High infestation of stem borer in nursery stage	Assessment of insecticide against stem borer in nursery stage of Rice	OFT	Plant Protection methods		Group discussion, Training, method demonstration	carbofuran 3 G Chlorpyrifos 2ml/Lt 1% Urea solution
15		Wheat	Low yield of Wheat due to weed infestation in wheat crop	Assessment of herbicide against weeds in wheat.	OFT	Improved cultivation technology of wheat with emphasis on weed control		Group discussion, Training, method demonstration	Metsulfuron (Algrip)
16		Rice	Low yield of rice from existing variety	Assessment of HYV of Rice Karma Masuri	OFT	Improved cultivation technology of Rice		Group discussion, Training, method demonstration	Seeds

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

Crop production

1)

1. Title of on-farm trials : Weed management in direct seeded rice
2. Problem diagnose : Weed is the major problem which ultimate affect the yield of the crop.
3. Details of technologies selected for assessment/refinement: Chemical control + Cultural control
4. Source of technology : IGKV, Raipur
5. Production system and thematic area : Weed management
6. Performance of the Technology with performance indicators: Satisfactory
7. Final recommendation for micro level situation : Use of chemical + Cultural control method
8. Constraints identified and feedback for research : Initially farmers faced problem in understanding the importance of proper doze of herbicide. They had the inclination of applying more than the recommended doze as in case of fertilizers.
9. Process of farmers participation and their reaction : Farmer's appreciated the application of herbicide which initially help in control of weeds.

3.1.C. Results of On Farm Trials

Crop/enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Paddy	Upland	Weed is the major problem which ultimate affect the yield of the crop.	Weed management in direct seeded rice.	05	Whipsuper (600 ml/ha) + Almix (Metasulfuron) 20g/ha along with one hand weeding for both narrow and broad leaf weeds in paddy Midland	weeds/100 sq. m after 60 days, BC Ratio, Farmers reaction

* No. of farmers

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
8	9	10	11	12
Before application: 250/sq m After application: 98/sq m Yld : 40.60 q/h	Whip super 600ml or (2ml/lit) + Almix 20 gm or (0.05 g/lit)alongwith one hand weeding can effectively control both the narrow leaf weeds occurred in paddy.	Farmer's appreciated the application of herbicide which initially help in control of weeds.	Use of chemical + Cultural control method taken up with normal cultivation package	This checked the initial growth of weeds

Technology Assessed / Refined	*Production per unit (qtl/h)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmer's practice**	32.40	14256/-	1.80:1
Whip super 600ml or (2ml/lit) + Almix 20 gm or (0.05 g/lit)alongwith one hand weeding can effectively control both the narrow leaf weeds occurred in paddy.	40.60	17864/-	1.99:1
Technology refined**			

2.)

1. Title of on-farm trials : Assessment of Hybrid rice with traditional rice using by farmers (Kharif 2008)
2. Problem diagnose : Low yield of rice from existing variety
3. Details of technologies selected for assessment/refinement: Hybrid variety of paddy
4. Source of technology : IGKV, Raipur
5. Production system and thematic area : Introduction of new hybrid rice
6. Performance of the Technology with performance indicators: Very Good
7. Final recommendation for micro level situation : Hybrid variety of paddy
8. Constraints identified and feedback for research : Farmers were not prompt in application of recommended doses at the right time. They had to be regularly convinced.
9. Process of farmers participation and their reaction : Farmers appreciated the yield of hybrid rice as compared to traditional rice

3.1.C. Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Paddy	Rainfed/midland and lowland	Low yield of rice from existing varieties	Assessment of Hybrid rice with traditional rice using by farmers	04	Hybrid variety of paddy	No. of tillers/hill, Yield q/ha, No. of panicle/hill, BC Ratio

* No. of farmers

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
8	9	10	11	12
12 No. of effective tillers/hill 50.25 qtl/ha	Indira Sona gave an increase of 54.61 % as compared to traditional rice	Farmer's appreciated the yield of hybrid rice as compared to traditional rice	Use of hybrid variety in place of traditional variety	Hybrids results in increase of production.

Technology Assessed / Refined	*Production per unit (qtl/h)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmer's practice**	32.50	14300/-	1.82:1
Hybrid variety	50.25	22110/-	2.10:1
Technology refined**			

3.)

1. Title of on-farm trials : Assesment of Chemical on the control of Blast disease of rice .
2. Problem diagnose: Heavy loss due to Blast.
3. Thematic area: Crop Protection
4. Details of technology selected for assesment: Chemical control by Kitazene 0.5 g/lit
5. Source of technology : IGKV, Raipur
6. Performance of the Technology with performance indicators: Satisfactory
7. Final recommendation for micro level situation : Application of Kitazene (0.5 g/lit) is one of the Chemical can effectively be used to control Blast in Paddy.
8. Process of farmers participation and their reaction : Farmers were able to understand importance of application of Kitazene and that it was able to check Blast disease.

3.1.C. Results of On Farm Trials

Crop/enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Paddy	Rainfed	Heavy loss due to Blast.	Assesment of Chemical on the control of Blast disease of rice .	04	Kitazene (0.5 g/lit) is one of the Chemical can effectively be used to control Blast in Paddy.	1. No. of Panicle per plant 2. Length of Panicle 3. Yield 4. Infected Plant /Sq. Meter 5. BC Ratio 6. Farmers Reaction

*** No. of farmers**

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
8	9	10	11	12
		The chemical was able to control Blast		

Technology Assessed / Refined	*Production per unit (qtl/h)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmer's practice**	31.40	13050	1.84:1
Kitazene (0.5 g/lit)	39.10	17204	1.97:1
Technology refined**			

4.)

1. Title of on-farm trials : Assessment of High yielding Wheat Variety
2. Problem diagnose : Low yield of wheat from existing varieties .
3. Details of technologies selected for assessment/refinement: Improved variety of wheat GW 273
4. Source of technology : IGKV, Raipur
5. Production system and thematic area : Introduction of improved variety of wheat.
6. Final recommendation for micro level situation : Improved variety
7. Constraints identified and feedback for research :
9. Process of farmers participation and their reaction: Farmers appreciated the high yield obtained

3.1.C. Results of On Farm Trials

Crop/enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Wheat var GW 273	Irrigated condition	Low yield of wheat from existing varieties	Assessment of High yielding Wheat Variety	04	Improved variety GW 273	1. No. of ears/plants 2. Yield q/ha 3. BC Ratio 4. Feedback

*** No. of farmers**

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
8	9	10	11	12
55 No. of ears/plant Yld : 20.50 qtl/ha	Var. GW 273 with timely sown resulted in better yield	Farmers appreciated the improved var. resulting in higher profit	Introduction of new variety	Increase in yield

Technology Assessed / Refined	*Production per unit (qtl/h)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmer's practice**	15.80	8932/-	1.60:1
Improved variety	20.50	11070/-	2.00:1
Technology refined**			

5.)

- Title of on-farm trials : Assessment of insecticide for control of stem borer in nursery stage of rice
- Problem diagnose : Infestation of stem borer at nursery stage of rice..
- Details of technologies selected for assessment/refinement: application of recommended insecticide at ETL of various insect pest. .
- Source of technology: IGKV Raipur
- Production system and thematic area; - Integrated pest management
- Performance of the Technology with performance indicators: Satisfactory
- Final recommendation for micro level situation: Insecticide (Application of carbofuran 3 G @ 3Kg/0.1 ha in nursery 10 days before transplanting and Seedling treatment by Chlorpyriphos 2ml/Lt 1% Urea solution for 3-4 hrs
- Constraints identified and feedback for research: 1. Use of optimum dose of insecticide
- Process of farmer's participation and their reaction: Active participation of farmers and reaction was positive towards the technology assessed.

3.1.C. Results of On Farm Trials

Crop/enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Paddy	Rainfed midland	Infestation of stem borer at nursery stage of rice..	Assessment of insecticide for control of stem borer in nursery stage of rice	4	Application of carbofuran 3 G @ 3Kg/0.1 ha in nursery 10 days before transplanting Seed treatment by Chlorpyriphos 2ml/Lt 1% Urea solution for 3-4 hrs	No of affected seedling/sq m Infestation/sq. m after 30 & 60 DAT Yield (q/ha) BC Ratio Feed back

*** No. of farmers**

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
8	9	10	11	12
Infeestation % was found to be 2.98 % after 60 DAT after use of recommended practice. Yld: 36.42 qtl/ha	The data revealed that the treatment T3 (Recommended insecticide (Chlorpyriphos @ 0.5 kg ai/ha) with desired no. of application (T3) +T2) gave minimum average insect pest damage of 3.62 % (Silver shoots), 5.20 % (dead hearts) and 5.50 damaged leaves / hill (Leaf folder) along with maximum grain yield of 34.25 q/ha.	Farmer's reaction was positive towards the technology assessed.		

Technology Assessed / Refined	*Production per unit (qtl/h)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmers practice	30.05	13222	1.81:1
Application of carbofuran 3 G @ 3Kg/0.1 ha in nursery 10 days before transplanting Seed treatment by Chlorpyriphos 2ml/Lt 1% Urea solution for 3-4 hrs	36.42	16024	1.90:1

6.)

- Title of on-farm trials : Varietal assessment in brinjal against wilt
- Problem diagnose : Low yield of brinjal due to wilt (about 75-80% yield reduction)
- Details of technologies selected for assessment/refinement: Mukta Keshi
- Source of technology : NARP (2000), CARS, Ambikapur (IGKV)
- Production system and thematic area : Vegetable based varietal assessment
- Performance of the Technology with performance indicators: Excellent
- Final recommendation for micro level situation : Mukta Keshi should be recommended for Kharif season
- Constraints identified and feedback for research : Timely availability of seedlings, Use of non-certified seeds, Indiscriminate use of fertilizers and not timely plant protection measures.
- Process of farmers participation and their reaction : Participatory approach of Research & Extension proved quite effective in the spread of latest high yielding wilt resistant varieties of brinjal in the potential pockets

3.1.C. Results of On Farm Trials

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Brinjal	Irrigated /midland	Due to severe incidence of wilt in the past decade crop potential yield failed and the	Varietal assessment in brinjal against wilt	04	Varietal assessment	Plant Height No of branches/plant Avg No and wt of fruits/plant Net Return B:C Ratio Farmers reaction Feedback

		farmers were disappointed. The productivity was very low.				
--	--	---	--	--	--	--

* No. of farmers

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
8	9	10	11	12
Plant Height: 74.83 cm No of branches/plant: 6.8 Avg No: 9.78 and wt of fruits/plant: 145.80gm Yld: 158 q/ha	Previously the survival was only to the extent of 27 % at the time of second to third harvest but with the introduction of wilt resistant varieties the survival at the time of final harvest was 92%.	Due to encouraging results the farmers are ready to adopt this intervention at mega level for sustainable production & economic returns per unit of area & time.	-	-

Technology Assessed / Refined	*Production per unit (qtl/h)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmer's practice**	102	14600	1.76:1
Technology assessed**	158	29881	2.60:1
Technology refined**			

7.)

1. Title of on-farm trial: Assessment of information technology through Kisan Mobile Sandesh (KMS).
2. No. of Trials: 200
3. Problem diagnose: Low efficiency of existing rural information delivery system.
4. Production system and Thematic area : All production system and Information Communication Technology.
5. Season: Rabi 2008-09 to Rabi 2010-11
6. Details of technology selected for assessment: ICT based alternate rural information delivery system through KMS.

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Kisan Mobile Sandesh	All	Low efficiency of existing rural information delivery system	Assessment of Information Technology through KMS	200		Understanding of the message Need and time based information Applicability of the message Impact of technology (Channel)

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
8	9	10	11	12
-	Under investigation	Farmers are happy to receive timely information at their home and eagerly await for the message	-	-

Technology Assessed / Refined	*Production per unit (qtl/h)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmer's practice**	NA	NA	NA
Improved variety			
Technology refined**			

8.)

1. Title of on-farm trials : Assessment of Zero tillage seed drill machine
2. No. of trials: 04
3. Problem diagnose : Low yield of wheat due to broadcasting method of sowing
4. Production system and thematic area: Crop Production
5. Season: rabi
6. Details of technologies selected for assessment/refinement :

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	No. of trials*	Technology Assessed	Parameters of assessment
1	2	3	4	5	6	7
Wheat	Irrigated	Low yield of wheat due to broadcasting method of sowing	Assessment of Zero tillage seed drill machine	4	Maintains line & depth spacing	Sowing time/ha
					Control seed rate	No of plant/sq. m 30 DAS
						No of tiller/hill
						Yield (q/ha)
					BC Ratio	

Data on the parameter	Results of assessment	Feedback from the farmer	Any refinement done	Justification for refinement
8	9	10	11	12
		Farmers are convinced with Zero tillage seed drill technology resulting in higher profit	-	-

Technology Assessed / Refined	*Production per unit (qtl/h)	Net Return (Profit) in Rs. / unit	BC Ratio
13	14	15	16
Farmer's practice**	15.00	8320	1.50:1
Improved variety	22.25	12225	2.10:1
Technology refined**			

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

**** Give details of the technology assessed or refined and farmer's practice**

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 2008-09 and recommended for large scale adoption in the district

S. No	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.	Soybean	Improved variety , Seed treatment , Line sowing , Balance use of fertilizer and plant protection	Training , Method demonstration , Group meeting , Field visit and field day , Literature developed, Radio talk	6	250	50
2.	Arhar	Improved variety , Seed treatment , Line sowing , Balance use of fertilizer and plant protection	Training , Method demonstration , Group meeting , Field visit and field day , Literature developed, Radio talk	7	280	75
3.	Maize	HYV , Recommended dose of fertilizer, weedicide	Training , Method demonstration , Group meeting , Field visit and field day , Literature developed, Radio talk	5	200	30
4.	Paddy	Improved variety with full package of practices	Training , Method demonstration , Group meeting , Field visit and field day , Literature developed, Radio talk	15	750	150
5.	Gram	Improved variety	Training, Demonstration, Culture	8	300	100
6.	Mustard/Toria	Timely sowing, Improved variety , Balance use of fertilizer	Training , Demonstration, Field day, Radio talk	9	250	70

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

FLD Rabi

S L N o .	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	Gram	Integrated crop management	Improved seed, culture, Line sowing, Recommended dose of fertilizer	Rabi and 2008-09	5	5	8	3	11	NA

Details of farming situation

Crop	Season	Farming situation (RF/Irrigated)	Soil type	Status of soil (Kg/h)			Previous crop	Sowing date	Harvest date	Seasonal rainfall (mm)	No. of rainy days
				N	P	K					
Gram	Rabi and 2008	Irrigated	Alfisols (Dorsa)				Paddy & soybean	11nd week of November	1st week of March		

Performance of FLD

Sl. No	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.	Gram	Line sowing, Seed treatment, Balanced use of fertilizer, Hand weeding, plant protection measures	Vaibhav	11	5.0	15.95	12.30	14.42	8.10	78.02	14.42q/ha	8.10 q/h

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
11000/-	6900/-	24947	14013	13947	7113	2.26:1

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

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
		1. Seed/Variety				
		2. Bio-fertilizer				
		3. Fertilizer management				
		4. Plant Protection				
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Selection of drought resistant variety to minimize the yield loss in the area.

Farmers' reactions on specific technologies

S. No	Feed Back
1	Farmers highly appreciated the improved variety with full package of practices demonstrated under FLD programme.

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	1	7/3/08	55	-
2	Farmers Training	2	27/10/08;4/12/08	48	-
3	Media coverage	4	-	-	-
4	Training for extension functionaries				

- c. Details of FLDs implemented during 2007-08 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

FLD Rabi

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.	Mustard	Integrated crop management	Line sowing, Seed treatment, balanced use of fertilizer and insect-pest management	Rabi 2008-09	5.0	5.0	8	3	11	NA

Details of farming situation

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					
Mustard	Rabi 2008-09	Upland, Irrigated	Inceptisols				Paddy and soybean	11th week of November	1st week of March		

Performance of FLD

Sl. No	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.	Mustard	Line sowing, Seed treatment, balanced use of fertilizer and insect-pest management	Pusa Jai Kisan	11	5.0	11.10	6.70	8.40	4.45	88.76	8.40	4.45

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

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
9100/-	5800	15372	9000	6272	3200	1.68:1

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

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
		1. Seed/Variety				
		2. Bio-fertilizer				
		3. Fertilizer management				
		4. Plant Protection				
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Selection of drought resistant variety to minimize the yield loss in the area.

Farmers' reactions on specific technologies

S. No	Feed Back
1	Farmers appreciated the improved variety with full package of practices demonstrated under FLD programme as they cultivated it with local variety .

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	9/3/09	1	46	-
2	Farmers Training	11/11/08;9/12/08	2	38	-
3	Media coverage	05	-	-	-
4	Training for extension functionaries	-	-	-	-

FLD Kharif Soybean

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.	Soybean	Integrated crop management	Seed treatment, Line sowing, balanced use of fertilizer and weeding and Plant protection measures	Kharif 2008	5.0	5.0	11	3	14	NA

Details of farming situation

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					
Soybean	Kharif 2008	Upland/RF	Alfisols				-	1 st week of July	-		

Performance of FLD

Sl. No	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.	Soybean	Improved Variety	JS 93-05	14	5.0	16.20	10.10	13.92	7.50	85.60	13.92	7.5

NB: Attach few good action photographs with title at the back with pencil
Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)	Average Gross Return (Rs./ha)	Average Net Return (Profit) (Rs./ha)	Benefit-Cost Ratio (Gross)
--------------------------------------	-------------------------------	--------------------------------------	----------------------------

Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	Return / Gross Cost)
14	15	16	17	18	19	20
9034	5200	19349	10425	10315	5225	2.14:1

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

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
		1. Seed/Variety				
		2. Bio-fertilizer				
		3. Fertilizer management				
		4. Plant Protection				
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	-

Farmers' reactions on specific technologies

S. No	Feed Back
1	Farmers appreciated the technology as it gave good yeild and remunerative market price

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field day	8/10/08	1	45	-
2	Farmers Training	2/6/08;20/7/08	2	32	-
3	Media coverage	05	-	-	-
4	Training of extension personnel				-

FLD Kharif Arhar

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	Integr ated crop mana gement	Line sowing, Seed treatment by culture and trichoderma, balanced used of fertilizer & Plant Protection measures	Kharif 2008	5.0	5.0	10	3	13	NA

Details of farming situation

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	Kharif 2008	Upland , Rainfed	Alfisol				Fallow,	1st week of July			

Performance of FLD

Sl. No	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	Line sowing, Seed treatment by culture and trichoderma, balanced used of fertilizer & Plant Protection measures	Laxmi	13	5.0	16.00	12.50	14.07	7.74	81.78	14.07	7.74

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

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
10500	6050	28140	15480	17640	9430	1.68:1

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

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
		1. Seed/Variety				
		2. Bio-fertilizer				
		3. Fertilizer management				
		4. Plant Protection				
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	-

Farmers' reactions on specific technologies

S. No	Feed Back
-------	-----------

1	Farmers appreciated the technology as it gave good yield and remunerative market price
---	--

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	-	-	-	-
2	Farmers Training	2/7/08; 25/7/08	3	55	-
3	Media coverage	06	-	-	-
4	Training of extension personnel				

FLD Kharif Paddy

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.	Paddy	Integrated crop management	Recommended package of practices	Kharif 2008	5.0	7.2	07	06	13	NA

Details of farming situation

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					
Paddy	Kharif 2008	Upland/midland, Rainfed	Alfisols				Paddy, Vegetable	1 st week of July	-	-	-

Performance of FLD

Sl. No	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.	Paddy	Recommended package of practices	MTU 1010	13	7.2	44	39.6	41.1	30.00	37	41.1	30

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

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
11000	8300	36168	26400	25168	18100	2.28:1

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

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
		1. Seed/Variety				
		2. Bio-fertilizer				
		3. Fertilizer management				
		4. Plant Protection				
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	-

Farmers' reactions on specific technologies

S. No	Feed Back
1	Farmers appreciated the results of the demonstration

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organised	Date	Number of participants	Remarks
1	Field days	-	-	-	-
2	Farmers Training	04	-	65	-
3	Media coverage	05	-	-	-
4	Training of extension personnel	01	26.06.08	16	-

FLD on Horticulture

Sl. No	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.	Pea	Recomm ended package of practices	Rachna	04	0.45	9.20	7.02	8.80	6.80	29.41	29.41	6.80

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

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
6000	4720	13200	10200	7200	5480	2.20:1

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

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
		1. Seed/Variety				
		2. Bio-fertilizer				
		3. Fertilizer management				
		4. Plant Protection				
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Variety is good. Powdery mildew incidence is less

Farmers' reactions on specific technologies

S. No	Feed Back
1	The productivity is still not very attractive

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	-	-	-	-
2	Farmers Training	02	-	32	-
3	Media coverage	-	-	-	-
4	Training of extension personnel	-	-	-	-

FLD on Potato

Sl. No	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.	Potato	Recommended package of practices	Kufri Lalima	20	0.45	200	155	177.5	90	97.22	177.5	90

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

Economic Impact (continuation of previous table)

Average Cost of cultivation (Rs./ha)		Average Gross Return (Rs./ha)		Average Net Return (Profit) (Rs./ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)
Demonstration	Local Check	Demonstration	Local Check	Demonstration	Local Check	
14	15	16	17	18	19	20
		AWAITED				

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

Crop	Season	Component	Farming situation	Average yield (q/ha)	Local check (q/ha)	Percentage increase in productivity over local check
		1. Seed/Variety				
		2. Bio-fertilizer				
		3. Fertilizer management				
		4. Plant Protection				
		5. Combination of components (Please specify)				

Technical Feedback on the demonstrated technologies

S. No	Feed Back
-------	-----------

1	Moderately resistant to Early blight
2	Planting of sprouted tuber help in maintenance of plant population

Farmers' reactions on specific technologies

S. No	Feed Back
1	High profit earning, tasty to eat and good storage

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	1	25/3/09	30	-
2	Farmers Training	02	-	23	-
3	Media coverage	-	-	-	-
4	Training of extension personnel	-	-	-	-

FLD on Kitchen Garden:

Sl. No	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.	Kitchen garden	Recommended package of practices	-	13	0.26	-	-	-	-	-	-	-

Technical Feedback on the demonstrated technologies

S. No	Feed Back
1	Seed treatment is not taken care
2	Timely management of fertilizers and plant protection is lacking

Farmers' reactions on specific technologies

S. No	Feed Back
1	Money is saved as home grown vegetables are being eaten

Extension and Training activities under FLD

Sl.No.	Activity	No. of activities organized	Date	Number of participants	Remarks
1	Field days	-	-	-	-
2	Farmers Training	3	-	31	-
3	Media coverage	-	-	-	-
4	Training of extension personnel	-	-	-	-

c. Details of FLD on Enterprises

(i) Farm Implements

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

* Field efficiency, labour saving etc.

(ii) Livestock Enterprises

Enterprise	Breed	No. of	No. of	Performance	* Data on parameter in	% change in the	Remarks
------------	-------	--------	--------	-------------	------------------------	-----------------	---------

		farmers	animals, poultry birds etc.	parameters / Indicators	relation to technology demonstrated		parameter	
					Demon.	Local check		

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

(iii) Other Enterprises

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

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									
Weed Management									
Resource Conservation Technologies									
Cropping Systems	2	2	38	0	38	7	0	7	45
Crop Diversification	1	1	6	0	6	10	0	10	16
Integrated Farming									
Water management	2	14	100	-	100	0	0	0	100
Seed production									
Nursery management	2	4	12	0	12	21	0	21	33
Integrated Crop Management	2	4	13	0	13	15	0	15	28
Fodder production									
Production of organic inputs									
Total	9	25	169	0	169	53	0	53	222
II Horticulture									
a) Vegetable Crops									
Production of low volume and high value crops									
0--Off-season vegetables									
Nursery raising	01	01	12	03	15	02	01	03	18
Exotic vegetables like Broccoli									
Export potential vegetables									
Grading and standardization									
Protective cultivation (Green Houses, Shade Net etc.)									
b) Fruits									
Training and Pruning									
Layout and Management of Orchards	01	02	05	04	09	12	04	16	25
Cultivation of Fruit									
Management of young plants/orchards									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
Rejuvenation of old orchards									
Export potential fruits									
Micro irrigation systems of orchards									
Plant propagation techniques									
c) Ornamental Plants									
Nursery Management									
Management of potted plants									
Export potential of ornamental plants									
Propagation techniques of Ornamental Plants									
d) Plantation crops									
Production and Management technology									
Processing and value addition									
e) Tuber crops									
Production and Management technology									
Processing and value addition									
f) Spices									
Production and Management technology									
Processing and value addition									
g) Medicinal and Aromatic Plants									
Nursery management									
Production and management technology									
Post harvest technology and value addition									
Total	2	3	17	7	24	14	5	19	43
III Soil Health and Fertility Management									
Soil fertility management									
Soil and Water Conservation									
Integrated Nutrient Management	02	02	32	05	37	17	05	22	59
Production and use of organic inputs									
Management of Problematic soils									
Micro nutrient deficiency in crops									
Nutrient Use Efficiency									
Soil and Water Testing									
Total	2	2	32	5	37	17	5	22	59
IV Livestock Production and Management									
Dairy Management									
Poultry Management									
Piggery Management									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
Rabbit Management									
Disease Management									
Feed management									
Production of quality animal products									
V Home Science/Women empowerment									
Household food security by kitchen gardening and nutrition gardening	1	2	0	0	0	0	16	16	16
Design and development of low/minimum cost diet									
Designing and development for high nutrient efficiency diet									
Minimization of nutrient loss in processing	1	2	0	15	15	0	4	4	19
Gender mainstreaming through SHGs									
Storage loss minimization techniques									
Value addition	2	4	0	15	15	1	1	02	17
Income generation activities for empowerment of rural Women	1	2	0	5	5	0	16	16	21
Location specific drudgery reduction technologies									
Rural Crafts									
Women and child care									
Total	5	10	0	35	35	1	37	38	73
VI Agril. Engineering									
Installation and maintenance of micro irrigation systems									
Use of Plastics in farming practices									
Production of small tools and implements	01	01	03	-	03	09	-	09	12
Repair and maintenance of farm machinery and implements	03	06	80	04	84	27	04	31	115
Small scale processing and value addition									
Post Harvest Technology	01	02	17	04	21	05	-	05	26
Total	5	9	100	8	108	41	4	45	153
VII Plant Protection									
Integrated Pest Management	1	1	1	0	1	20	0	20	21
Integrated Disease Management	2	2	35	0	35	6	0	6	41
Bio-control of pests and diseases									
Production of bio control agents and bio pesticides									
Total	3	3	36	0	36	26	0	26	62
VIII Fisheries									
Integrated fish farming									
Carp breeding and hatchery management									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
Carp fry and fingerling rearing									
Composite fish culture									
Hatchery management and culture of freshwater prawn									
Breeding and culture of ornamental fishes									
Portable plastic carp hatchery									
Pen culture of fish and prawn									
Shrimp farming									
Edible oyster farming									
Pearl culture									
Fish processing and value addition									
IX Production of Inputs at site									
Seed Production									
Planting material production									
Bio-agents production									
Bio-pesticides production									
Bio-fertilizer production									
Vermi-compost production									
Organic manures production									
Production of fry and fingerlings									
Production of Bee-colonies and wax sheets									
Small tools and implements									
Production of livestock feed and fodder									
Production of Fish feed									
X Capacity Building and Group Dynamics									
Leadership development									
Group dynamics									
Formation and Management of SHGs	03	03	18	05	23	10	1	11	34
Mobilization of social capital									
Entrepreneurial development of farmers/youths									
WTO and IPR issues									
XI Agro-forestry									
Production technologies									
Nursery management									
Integrated Farming Systems									
XII Others (Pl. Specify)									
TOTAL	26	52	348	60	408	136	52	188	596
(B) RURAL YOUTH									
Mushroom Production	02	04	07	-	07	-	-	-	07
Bee-keeping									
Integrated farming									
Seed production									
Production of organic inputs									
Integrated Farming									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
Planting material production									
Vermi-culture									
Sericulture									
Protected cultivation of vegetable crops	01	01	10	-	10	-	-	-	10
Commercial fruit production									
Repair and maintenance of farm machinery and implements									
Nursery Management of Horticulture crops									
Training and pruning of orchards									
Value addition									
Production of quality animal products									
Dairying									
Sheep and goat rearing									
Quail farming									
Piggery									
Rabbit farming									
Poultry production									
Ornamental fisheries									
Para vets									
Para extension workers									
Composite fish culture									
Freshwater prawn culture									
Shrimp farming									
Pearl culture									
Cold water fisheries									
Fish harvest and processing technology									
Fry and fingerling rearing									
Small scale processing									
Post Harvest Technology									
Tailoring and Stitching									
Rural Crafts									
TOTAL	03	05	17	0	17	0	0	-	17
(C) Extension Personnel									
Productivity enhancement in field crops	2	4	65	02	67	19	0	19	86
Integrated Pest Management	1	2	16	03	19	15	01	16	35
Integrated Nutrient management	3	6	23	6	29	32	6	38	67
Rejuvenation of old orchards	1	02	11	01	12	03	-	03	15
Protected cultivation technology	1	2	19	03	22	07	01	08	30
Formation and Management of SHGs	1	2	17	01	18	17	0	17	35
Group Dynamics and farmers organization	2	4	10	01	11	32	07	39	50
Information networking among farmers	2	4	23	01	24	09	01	10	34
Capacity building for ICT application	2	4	31	0	31	09	0	09	40
Care and maintenance of farm machinery and implements	1	2	05	02	07	13	04	17	24

Thematic Area	No. of Courses	Duration (days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
WTO and IPR issues	1	2	06	01	07	02	03	05	12
Management in farm animals									
Livestock feed and fodder production	2	4	19	0	19	20	0	20	39
Household food security									
Women and Child care									
Low cost and nutrient efficient diet designing	01	2	11	01	12	04	01	05	17
Production and use of organic inputs	02	04	16	05	21	16	0	16	37
Gender mainstreaming through SHGs	2	4	09	02	11	17	02	19	30
Any other (Pl. Specify)									
TOTAL	24	48	281	29	310	215	26	241	551

B) 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	1	2	6	10	16	0	8	8	24
Resource Conservation Technologies									
Cropping Systems	1	2	31	2	33	15	3	18	51
Crop Diversification	2	4	28	02	30	10	05	15	45
Integrated Farming	1	2	14	0	14	08	0	08	22
Water management	1	1	28	07	35	46	0	46	81
Seed production	3	6	39	0	39	52	0	52	91
Nursery management	1	1	0	0	0	37	0	37	37
Integrated Crop Management	1	2	18	0	18	01	0	01	19
Fodder production	2	4	26	03	29	7	03	10	39
Production of organic inputs									
Total	13	24	190	24	214	176	19	195	409
II Horticulture									
a) Vegetable Crops									
Production of low volume and high value crops									
Off-season vegetables	2	4	27	04	31	02	0	02	33
Nursery raising	2	4	22	02	24	07	04	11	35
Exotic vegetables like Broccoli									
Export potential vegetables									
Grading and standardization	2	2	06	0	06	26	0	26	32
Protective cultivation (Green Houses, Shade Net etc.)									
b) Fruits									
Training and Pruning									
Layout and Management of Orchards	2	4	38	03	41	11	7	18	59

Thematic Area	No. of Courses	Duration (days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
Cultivation of Fruit	2	4	10	0	10	34	07	41	51
Management of young plants/orchards									
Rejuvenation of old orchards									
Export potential fruits									
Micro irrigation systems of orchards									
Plant propagation techniques	2	4	10	02	12	40	05	45	57
c) Ornamental Plants									
Nursery Management	2	4	13	0	13	23	01	24	37
Management of potted plants									
Export potential of ornamental plants									
Propagation techniques of Ornamental Plants	2	4	24	0	24	0	0	0	24
d) Plantation crops									
Production and Management technology									
Processing and value addition									
e) Tuber crops									
Production and Management technology	3	6	32	0	32	12	02	14	46
Processing and value addition	1	2	23	0	23	0	0	0	23
f) Spices									
Production and Management technology									
Processing and value addition	1	2	0	0	0	35	0	35	35
g) Medicinal and Aromatic Plants									
Nursery management									
Production and management technology									
Post harvest technology and value addition									
Total	21	40	205	11	216	190	26	216	432
III Soil Health and Fertility Management									
Soil fertility management									
Soil and Water Conservation									
Integrated Nutrient Management									
Production and use of organic inputs									
Management of Problematic soils									
Micro nutrient deficiency in crops									
Nutrient Use Efficiency									
Soil and Water Testing									
IV Livestock Production and Management									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
Dairy Management	1	1	35	0	35	17	0	17	52
Poultry Management									
Piggery Management									
Rabbit Management									
Disease Management									
Feed management	1	1	02	0	02	25	0	25	27
Production of quality animal products									
Total	2	2	37	0	37	42	0	42	79
V Home Science/Women empowerment									
Household food security by kitchen gardening and nutrition gardening	1	2	0	0	0	0	12	12	12
Design and development of low/minimum cost diet	2	4	0	24	24	0	8	8	32
Designing and development for high nutrient efficiency diet	2	4	0	17	17	0	22	22	39
Minimization of nutrient loss in processing	1	2	0	36	36	0	33	33	69
Gender mainstreaming through SHGs	1	2	13	14	27	05	04	09	36
Storage loss minimization techniques	1	2	0	6	6	0	14	14	20
Value addition	2	4	0	20	20	0	08	08	28
Income generation activities for empowerment of rural Women	1	2	0	20	20	0	6	6	26
Location specific drudgery reduction technologies	1	2	0	8	8	0	13	13	21
Rural Crafts									
Women and child care	1	2	0	5	0	0	6	6	11
Total	13	26	13	150	163	5	126	131	294
VI Agril. Engineering									
Installation and maintenance of micro irrigation systems									
Use of Plastics in farming practices									
Production of small tools and implements									
Repair and maintenance of farm machinery and implements	2	4	16	0	16	13	0	13	29
Small scale processing and value addition	4	6	27	0	27	24	0	24	51
Post Harvest Technology	1	2	7	0	7	0	10	10	17
Total	7	12	50	0	50	37	10	47	97
VII Plant Protection									
Integrated Pest Management	2	2	4	1	5	14	01	15	20
Integrated Disease Management	1	3	1	0	1	12	0	12	13
Bio-control of pests and diseases									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
Production of bio control agents and bio pesticides	1	2	4	0	4	17	0	17	21
Total	4	7	9	1	10	43	1	44	54
VIII Fisheries									
Integrated fish farming	1	2	3	0	3	15	0	0	18
Carp breeding and hatchery management									
Carp fry and fingerling rearing									
Composite fish culture									
Hatchery management and culture of freshwater prawn									
Breeding and culture of ornamental fishes									
Portable plastic carp hatchery									
Pen culture of fish and prawn									
Shrimp farming									
Edible oyster farming									
Pearl culture									
Fish processing and value addition									
Total	1	2	3	0	3	15	0	15	18
IX Production of Inputs at site									
Seed Production									
Planting material production									
Bio-agents production									
Bio-pesticides production									
Bio-fertilizer production									
Vermi-compost production									
Organic manures production									
Production of fry and fingerlings									
Production of Bee-colonies and wax sheets									
Small tools and implements									
Production of livestock feed and fodder									
Production of Fish feed									
X Capacity Building and Group Dynamics									
Leadership development	1	2	32	0	32	5	0	5	37
Group dynamics	4	8	76	10	86	5	0	5	91
Formation and Management of SHGs	4	6	23	0	23	10	8	18	41
Mobilization of social capital									
Entrepreneurial development of farmers/youths	1	2	9	12	21	0	02	02	23
WTO and IPR issues									
Total	10	18	140	22	162	20	10	30	192
XI Agro-forestry									
Production technologies									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
Nursery management									
Integrated Farming Systems									
XII Others (Pl. Specify)									
TOTAL	71	131	647	208	855	528	192	720	1575
(B) RURAL YOUTH									
Mushroom Production	2	4	0	1	1	0	25	25	26
Bee-keeping									
Integrated farming									
Seed production									
Production of organic inputs									
Integrated Farming									
Planting material production									
Vermi-culture	1	1	17	0	17	10	0	10	27
Sericulture									
Protected cultivation of vegetable crops									
Commercial fruit production	1	1	0	0	0	20	0	20	20
Repair and maintenance of farm machinery and implements	1	2	12	0	12	15	0	15	27
Nursery Management of Horticulture crops	1	1	0	0	0	24	0	24	24
Training and pruning of orchards									
Value addition	1	2	0	1	1	0	11	11	12
Production of quality animal products									
Dairying									
Sheep and goat rearing									
Quail farming									
Piggery									
Rabbit farming									
Poultry production									
Ornamental fisheries									
Para vets									
Para extension workers									
Composite fish culture									
Freshwater prawn culture									
Shrimp farming									
Pearl culture									
Cold water fisheries									
Fish harvest and processing technology									
Fry and fingerling rearing									
Small scale processing									
Post Harvest Technology	1	1	11	0	11	24	0	24	35
Tailoring and Stitching									
Rural Crafts									
TOTAL	08	12	40	2	42	93	36	129	171
(C) Extension Personnel									
Productivity enhancement in field crops									
Integrated Pest Management									
Integrated Nutrient management									
Rejuvenation of old									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
orchards									
Protected cultivation technology									
Formation and Management of SHGs									
Group Dynamics and farmers organization									
Information networking among farmers									
Capacity building for ICT application									
Care and maintenance of farm machinery and implements									
WTO and IPR issues									
Management in farm animals									
Livestock feed and fodder production									
Household food security									
Women and Child care									
Low cost and nutrient efficient diet designing									
Production and use of organic inputs									
Gender mainstreaming through SHGs									
Any other (Pl. Specify)									
TOTAL									

C) 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	1	2	6	10	16	0	8	8	24
Resource Conservation Technologies									
Cropping Systems	3	4	69	2	71	22	3	25	96
Crop Diversification	3	5	34	2	36	20	5	25	61
Integrated Farming	1	2	14	0	14	8	0	8	22
Water management	3	15	128	7	135	52	0	52	187
Seed production	3	6	39	0	39	52	0	52	91
Nursery management	3	5	12	0	12	58	0	58	70
Integrated Crop Management	3	6	31	0	31	16	0	16	47
Fodder production	2	4	26	3	29	7	3	10	39
Production of organic inputs									
Total	22	49	359	24	383	225	19	254	637
II Horticulture									
a) VEGETABLE CROPS									
Production of low volume									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
and high value crops									
Off-season vegetables	2	4	27	4	31	2	0	2	33
Nursery raising	3	5	34	5	39	9	5	14	53
Exotic vegetables like Broccoli									
Export potential vegetables									
Grading and standardization	2	2	6	0	6	26	0	26	32
Protective cultivation (Green Houses, Shade Net etc.)									
b) Fruits									
Training and Pruning									
Layout and Management of Orchards	2	4	38	3	41	11	7	18	59
Cultivation of Fruit	2	4	10	2	12	34	7	41	51
Management of young plants/orchards									
Rejuvenation of old orchards									
Export potential fruits									
Micro irrigation systems of orchards									
Plant propagation techniques	2	4	10	2	12	40	5	45	57
c) Ornamental Plants									
Nursery Management	2	4	13	0	13	23	1	24	37
Management of potted plants									
Export potential of ornamental plants									
Propagation techniques of Ornamental Plants	2	4	24	0	24	0	0	0	24
d) Plantation crops									
Production and Management technology									
Processing and value addition									
e) Tuber crops									
Production and Management technology	3	6	32	0	32	12	2	14	46
Processing and value addition	1	2	23	0	23	0	0	0	23
f) Spices									
Production and Management technology									
Processing and value addition	1	2	0	0	0	35	0	35	35
g) Medicinal and Aromatic Plants									
Nursery management									
Production and management technology									
Post harvest technology and value addition									
Total	22	38	217	14	231	192	27	219	450
III Soil Health and Fertility Management									
Soil fertility management	1	1	35	0	35	17	0	17	52
Soil and Water									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
Conservation									
Integrated Nutrient Management									
Production and use of organic inputs									
Management of Problematic soils									
Micro nutrient deficiency in crops									
Nutrient Use Efficiency									
Soil and Water Testing									
Total	1	1	35	0	35	17	0	17	52
IV Livestock Production and Management									
Dairy Management	1	1	35	0	35	17	0	17	52
Poultry Management									
Piggery Management									
Rabbit Management									
Disease Management									
Feed management									
Production of quality animal products									
Total	1	1	35	0	35	17	0	17	52
V Home Science/Women empowerment									
Household food security by kitchen gardening and nutrition gardening	2	4	0	0	0	0	18	18	18
Design and development of low/minimum cost diet	2	4	0	24	24	0	8	8	32
Designing and development for high nutrient efficiency diet	2	4	0	17	17	0	22	22	39
Minimization of nutrient loss in processing	2	4	0	51	51	0	37	37	88
Gender mainstreaming through SHGs	1	2	13	14	27	5	4	9	36
Storage loss minimization techniques	1	2	0	6	6	0	14	14	20
Value addition	4	8	0	35	35	1	9	10	45
Income generation activities for empowerment of rural Women	2	4	0	25	25	0	22	22	47
Location specific drudgery reduction technologies	1	2	0	8	8	0	13	13	21
Rural Crafts									
Women and child care	1	2	0	5	5	0	6	6	11
Total	18	36	13	185	198	6	153	159	357
VI Agril. Engineering									
Installation and maintenance of micro irrigation systems									
Use of Plastics in farming practices									
Production of small tools and implements	1	1	3	0	3	9	0	9	12
Repair and maintenance of farm machinery and implements	5	10	96	4	100	40	4	44	144

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
Small scale processing and value addition	4	6	27	0	27	24	0	24	51
Post Harvest Technology	2	4	24	4	28	5	10	15	43
Total	12	21	150	8	158	78	14	92	250
VII Plant Protection									
Integrated Pest Management	3	3	5	1	6	34	1	35	41
Integrated Disease Management	3	3	36	0	36	18	0	18	54
Bio-control of pests and diseases									
Production of bio control agents and bio pesticides	1	2	4	0	4	17	0	17	21
Total	7	8	45	1	46	69	1	70	116
VIII Fisheries									
Integrated fish farming	1	1	3	0	3	15	0	15	18
Carp breeding and hatchery management									
Carp fry and fingerling rearing									
Composite fish culture									
Hatchery management and culture of freshwater prawn									
Breeding and culture of ornamental fishes									
Portable plastic carp hatchery									
Pen culture of fish and prawn									
Shrimp farming									
Edible oyster farming									
Pearl culture									
Fish processing and value addition									
IX Production of Inputs at site									
Seed Production									
Planting material production									
Bio-agents production									
Bio-pesticides production									
Bio-fertilizer production									
Vermi-compost production									
Organic manures production									
Production of fry and fingerlings									
Production of Bee-colonies and wax sheets									
Small tools and implements									
Production of livestock feed and fodder									
Production of Fish feed									
X Capacity Building and Group Dynamics									
Leadership development	1	2	32	0	32	5	0	5	37
Group dynamics	4	8	76	10	86	5	0	5	91
Formation and Management of SHGs	7	9	41	5	46	20	9	29	75
Mobilization of social capital									
Entrepreneurial									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						Grand Total
			Others			SC/ST			
			Male	Female	Total	Male	Female	Total	
development of farmers/youths									
WTO and IPR issues									
Total	12	19	149	15	164	30	9	39	203
XI Agro-forestry									
Production technologies									
Nursery management									
Integrated Farming Systems									
XII Others (Pl. Specify)									
TOTAL									
(B) RURAL YOUTH									
Mushroom Production	4	8	7	1	8	0	25	25	33
Bee-keeping									
Integrated farming									
Seed production									
Production of organic inputs									
Integrated Farming									
Planting material production									
Vermi-culture	1	1	17	0	17	10	0	10	27
Sericulture									
Protected cultivation of vegetable crops									
Commercial fruit production	1	1	0	0	0	20	0	20	20
Repair and maintenance of farm machinery and implements	1	2	12	0	12	15	0	15	27
Nursery Management of Horticulture crops	1	1	0	0	0	24	0	24	24
Training and pruning of orchards									
Value addition	1	2	0	1	1	0	11	11	12
Production of quality animal products									
Dairying									
Sheep and goat rearing									
Quail farming									
Piggery									
Rabbit farming									
Poultry production									
Ornamental fisheries									
Para vets									
Para extension workers									
Composite fish culture									
Freshwater prawn culture									
Shrimp farming									
Pearl culture									
Cold water fisheries									
Fish harvest and processing technology									
Fry and fingerling rearing									
Small scale processing									
Post Harvest Technology									
Tailoring and Stitching									
Rural Crafts									
TOTAL	9	15	36	2	38	69	36	105	143
(C) Extension Personnel									

Thematic Area	No. of Courses	Duration (days)	No. of Participants						
			Others			SC/ST			Grand Total
			Male	Female	Total	Male	Female	Total	
Productivity enhancement in field crops	2	4	65	02	67	19	0	19	86
Integrated Pest Management	1	2	16	03	19	15	01	16	35
Integrated Nutrient management	3	6	23	6	29	32	6	38	67
Rejuvenation of old orchards	1	02	11	01	12	03	-	03	15
Protected cultivation technology	1	2	19	03	22	07	01	08	30
Formation and Management of SHGs	1	2	17	01	18	17	0	17	35
Group Dynamics and farmers organization	2	4	10	01	11	32	07	39	50
Information networking among farmers	2	4	23	01	24	09	01	10	34
Capacity building for ICT application	2	4	31	0	31	09	0	09	40
Care and maintenance of farm machinery and implements	1	2	05	02	07	13	04	17	24
WTO and IPR issues	1	2	06	01	07	02	03	05	12
Management in farm animals									
Livestock feed and fodder production	2	4	19	0	19	20	0	20	39
Household food security									
Women and Child care									
Low cost and nutrient efficient diet designing	01	2	11	01	12	04	01	05	17
Production and use of organic inputs	02	04	16	05	21	16	0	16	37
Gender mainstreaming through SHGs	2	4	09	02	11	17	02	19	30
Any other (Pl. Specify)									
TOTAL	24		281	29	310	215	26	241	551

Note: Please furnish the details of training programmes as Annexure in the proforma given below

The detail information is given in **Annexure I** in Last

(D) Vocational training programmes for Rural Youth

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants			Self employed after training			Number of persons employed elsewhere
				Male	Female	Total	Type of units	Number of units	Number of persons employed	

* Training title should specify the major technology /skill transferred

(E) Sponsored Training Programmes

Kindly see Annexure II

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	05	172	17	189	9	1	10	181	18	199
Kisan Mela	05	11900	1100	13000	125	20	145	12025	1120	13145
Kisan Ghosthi	04	170	11	181	-	-	-	170	11	181
Exhibition	02	865	120	985	-	-	-	865	120	985
Film Show	25	422	20	442	10	5	15	432	25	457
Method Demonstrations	9	80	20	100	-	-	-	80	20	100
Farmers Seminar	3	160	22	182	2	-	2	162	22	184
Workshop										
Group meetings	02	85	13	98	-	-	-	85	13	98
Lectures delivered as resource persons										
Newspaper coverage	96									
Radio talks	13									
TV talks	01									
Popular articles	22									
Extension Literature	06									
Advisory Services	04									
Scientific visit to farmers field	65	865	234	1099	-	-	-	865	234	1099
Farmers visit to KVK	08	905	120	1025	16	-	16	921	120	1041
Diagnostic visits	15	200	10	210	24	02	26	224	12	236
Exposure visits										
Ex-trainees Sammelan	01	50	05	55	-	-	-	50	5	55
Soil health Camp										
Animal Health Camp										
Agri mobile clinic										
Soil test campaigns										
Farm Science Club Conveners meet										
Self Help Group Conveners meetings	03	5	25	30	-	-	-	5	25	30
Mahila Mandals Conveners meetings	01	02	15	20	-	-	-	02	15	17
Celebration of important days (specify)										
World food day										
Health day										
Nutrition day										
Any Other (Specify)	01	24	0	24	01	-	01	25	0	25
Total	291	15905	1732	17640	187	28	215	16092	1760	17852

3.5 Production and supply of Technological products

SEED MATERIALS

Category	Crop	Variety	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
CEREALS	Paddy	MTU 1010	278.42	-	Distributed through Beej Nigam
	Wheat	Kanchan	122.00	-	Distributed through Beej Nigam
OILSEEDS					

PULSES					
VEGETABLES					
FLOWER CROPS					
OTHERS (Specify)					

SUMMARY

Sl. No.	Crop	Quantity (qtl.)	Value (Rs.)	Provided to No. of Farmers
1	CEREALS	400.42 qtls		Sold through Beej nigum to the farmers
2	OILSEEDS			
3	PULSES			
4	VEGETABLES			
5	FLOWER CROPS			
6	OTHERS (Milk)	12966.500 lts	1,97,747.00	Through KVK dairy
TOTAL				

PLANTING MATERIALS

Sl. No.	Crop	Variety	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
FRUITS					
SPICES					
VEGETABLES	Brinjal		1200		Used for veg demo unit
	Tomato		1800		Used for veg demo unit
	Chilli		700		Used for veg demo unit
Total					
FOREST SPECIES					
ORNAMENTAL CROPS	Tuberose		200		Used for propagation
	Marigold		350		Used for propagation
PLANTATION CROPS					
Others (specify)					

SUMMARY

Sl. No.	Crop	Quantity (Nos.)	Value (Rs.)	Provided to No. of Farmers
1	FRUITS			
2	VEGETABLES	3700	-	Used for veg demo unit
3	SPICES			

4	FOREST SPECIES			
5	ORNAMENTAL CROPS		550	Used for propagation
6	PLANTATION CROPS			
7	OTHERS			
	TOTAL			

BIO PRODUCTS

Sl. No.	Product Name	Species	Quantity		Value (Rs.)	Provided to No. of Farmers
			No	(kg)		
BIOAGENTS						
	-	-	-	-	-	-
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
BIOFERTILIZERS						
	-	-	-	-	-	-
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-
BIO PESTICIDES						
	-	-	-	-	-	-
1	-	-	-	-	-	-
2	-	-	-	-	-	-
3	-	-	-	-	-	-
4	-	-	-	-	-	-

SUMMARY

Sl. No.	Product Name	Species	Quantity		Value (Rs.)	Provided to No. of Farmers
			No	(kg)		
1	BIOAGENTS	-	-	-	-	-
2	BIO FERTILIZERS	-	-	-	-	-
3	BIO PESTICIDE	-	-	-	-	-
	TOTAL					

LIVESTOCK

Sl. No.	Type	Breed	Quantity		Value (Rs.)	Provided to No. of Farmers
			(Nos)	Kgs		
Cattle						
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
Sheep and Goat						
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
Poultry						
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
Fisheries						
	-	-	-	-	-	-
	-	-	-	-	-	-

	-	-	-	-	-	-
	-	-	-	-	-	-
Others (Specify)	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
SUMMARY						

Sl. No.	Type	Breed	Quantity		Value (Rs.)	Provided to No. of Farmers
			Nos	Kgs		
1	CATTLE	HF	26	-	-	-
2	SHEEP & GOAT	-	-	-	-	-
3	POULTRY	-	-	-	-	-
4	FISHERIES	-	-	-	-	-
5	OTHERS	-	-	-	-	-
	TOTAL	-	-	-	-	-

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

(A) KVK News Letter (Date of start, Periodicity, number of copies distributed etc.)

Name : Kisan Mitan

Year : 1998

Periodicity : Quarterly

Number of copies : 500/ Quarter

Purpose: Transfer of technology to the farmers and solve their field problems

(B) Literature developed/published

Item	Title		Authors name	Number
Research papers	Commercial floriculture in Chhattisgarh: a parallel means to boost income of farmers	16-19 March, 2009	IARI, New Delhi	Gaurav Sharma, R.K.Shukla and D.K. Sharma
	Growth, flower production and economics of marigold and gladiolus as influenced by N, P and K application in mango orchard	16-19 March, 2009	IARI, New Delhi	Gaurav Sharma, Prabhakar Singh and A.K. Singh
	Response of certain floral preservatives on the post harvest life of gladiolus	16-19 March, 2009	IARI, New Delhi	Gaurav Sharma Prabhakar Singh and D.A. Sarnaik

	Protection and preservation of the agriculture environment: problems and prospects	Feb, 2008	GGU, Bilaspur	R.K. Shukla, Gaurav Sharma, S.K. Upadhyay
	Study on Seasonality of Insect-pest and disease along with the use of ITKs at village Umarmara of district Bilaspur through PRA tool	18-20 December, 2008	RAU, Pusa	R.K. Shukla, D.K. Sharma, Gaurav Sharma, U.K. Dhruw, S.K. Upadhaya and Nivedita Pathak
	Role and participation of farm women in rice cultivation in Belha block of Bilaspur district of Chhattisgarh	18-20 December, 2008	RAU, Pusa	D.K. Sharma, R.K. Shukla, Gaurav Sharma, U.K. Dhruw, S.K. Upadhaya and Nivedita Pathak
	Pest problems in Brinjal (<i>Solanum melongena</i> L.) and their integrated pest management in Bilaspur district of chhattisgarh	18-20 December, 2008	RAU, Pusa	Gaurav Sharma, R.K. Shukla, D.K. Sharma, U.K. Dhruw, S.k. Upadhaya and Nivedita Pathak
	Study of impact of KVK on the farming community of an adopted village in Belha block of Bilaspur district of Chhattisgarh plains	9-11 March, 2009	CSAUA&T, Kanpur	D.K. Sharma, Gaurav Sharma, R.K. Shukla, U.K. Dhruw, S.K. Upadhaya and N. Pathak
	Constraints in adoption of integrated disease management technology in tomato under rainfed condition of Bilaspur district in chhattisgarh	9-11 March, 2009	CSAUA&T, Kanpur	R.K. Shukla, Gaurav Sharma, D.K. Sharma, U.K. Dhruw, S.k. Upadhaya and Nivedita Pathak

	Effect on cropping pattern due to insect-pest and disease infestation in flower producing area of Bilaspur district in Chhattisgarh	9-11 March, 2009	CSAUA&T, Kanpur	Gaurav Sharma, D.K. Sharma, R.K. Shukla, U.K. Dhruw, S.K. Upadhaya and N. Pathak
Technical reports	Annual Report- University 1 No. Annual Report- ZC, ZCUVII, 2Nos. MPR- DES, IGKV- 12 Nos. MPR-Zc, ZCU VII-12 Nos. Quarterly Report- ZC, ZCUVII- 3 Nos. Total : 30 reports			
News letters	Indira Kisan Mitan- Quaterly			
Technical bulletins	<ol style="list-style-type: none"> 1. Improved cultivation techniques of Arhar 2. Improved cultivation techniques of Mustard 3. Improved cultivation techniques of Gram 4. Improved cultivation technique of Sugarcane 5. Fruit and Vegetable Preservation 6. Improved Farm machinery 			
Popular articles	<ol style="list-style-type: none"> 1. U.K. Dhruw. Importance of summer ploughing and implements used. <i>Kisan Mitan</i> (April-June, 2008). 2. D.K. Sharma and R.K. Shukla. Success story of a villager becoming entrepreneur through training. <i>Kisan Mitan</i> (April-June, 2008). 3. N. Pathak and Kiran Gupta. Post harvest products in mango (Jan-March, 2008). 4. U.K. Dhruw. Importance of summer ploughing and implements used. <i>Kisan Mitan</i> (April-June, 2008). 5. D.K. Sharma and R.K. Shukla. Success story of a villager becoming entrepreneur through training. <i>Kisan Mitan</i> (April-June, 2008). 6. Gaurav Sharma and R.K. Shukla . Cultivation of cucurbits. <i>Indira Kisan Mitan</i>(Jan- March,2009) 7. N. Pathak. Safe grain storage. <i>Indira Kisan Mitan</i>(Jan- March,2009) 8. S.K. Upadhyaya and Dr R.K. Shukla. Improved cultivation of rabi Oilseed Pulse. <i>Indira Kisan mitan</i> (Oct to Dec., 2008-09) 9. D.K. Sharma. Improved cultivation of Wheat. <i>Indira Kisan mitan</i> (Oct to Dec., 2008-09) 10. Gaurav Sharma. Diseases of Flower crops. Sunder-Subhesh, Bilaspur 11. R.K. Shukla. Seed Production Technology. Sunder-Subhesh, Bilaspur 12. U.K. Dhruw, R.K. Shukla and Sh. D.K. Sharma. Kisano ke liye upyogi biogas 13. D.K. Sharma, R.K. Shukla and U.K. Dhruw. Safalta ki kahani: Prashikshan se gamin yuva bana udyami 			
Extension literature				
Others (Pl. specify)	News Clippings: 96			

TOTAL			
-------	--	--	--

N.B. Please enclose a copy of each. In case of literature prepared in local language please indicate the title in English

(C) Details of Electronic Media Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
1.	-	-	-
	-	-	-

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

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 : PRA and Group discussion
- Rural Youth : PRA and Group discussion
- In-service personnel : Questionnaire

3.11 Field activities

- i. Number of villages adopted : 02
- ii. No. of farm families selected : 26
- iii. No. of survey/PRA conducted ; 01

3.12. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : Established

1. Year of establishment :
2. List of equipments purchased with amount :

As given above

Sl. No	Name of the Equipment	Qty.	Cost
1			
2			
3			
Total			

3. Details of samples analyzed so far :

Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
Soil Samples	12	12	2	-
Water Samples				

Total				
--------------	--	--	--	--

4.0 IMPACT

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

S.No	Name of the specific technical /skill transferred	No. of Participants	% of adoption	Change in income (in Rs.)	
				Before (Rs/Unit)	After (in Rs.)
1.	Motor rewinding	15	30%	-	500000.00
2.	Potato	01	100%	15000	55000.00
3.	Mustard cultivation	19	75 %	4000	7000
4.	Mushroom production	04	100%	1000	10000.00
5.	Improved variety of Paddy	50	50%	6000	11000/-1

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

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

1. Spread of Mahamaya variety in the district in large area.
2. Spread of MTU 1010 in the district in large area.

.

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

S.No	Name of the Organizations	Type of Linkage
1.	State Agricultural Department (Bilaspur Division)	For training of farmers, farm women and rural youth, Inservice training , Participation in Kisan Mela, conducting of frontline demonstrations , field days and Monthly workshop.
2.	ATMA	KVK scientists are working as Assistant project Director ATMA and I/C KVK as a member of management

		committee of ATMA and BTT and participated in various activities under ATMA project.
3.	Agricultural Engineering	Demonstration of improved implement , workshop facilities and guidance for agricultural engineering training program , participation in kisan mela.
4.	State department of Horticulture	For training , Kisan Mela, mushroom
5.	State Govt. Department of fisheries	Fish seed supply , Kisan Mela
6.	C.G. state seed corporation	Seed production program for the interest of farming community, purchase of seed for frontline demonstration, training.
7.	IFFCO and PPL	For training , Krishak Diwas, Kisan mela
8.	National fertilizers limited	For conducting demonstration , training , field day and kisan mela
9.	CASA : Churches auxiliary for social action (NGO)	For training program to tribal farmers and farm women , field visit and kisan mela
10.	Karm Dakshay (N.G.O)	For training, field visit
11.	Nehru Yuva Kendra	Imparting training program for rural youth and farmers
12.	Agro-tech society	Organizing training and demonstration
13.	Disha (NGO)	For training
14.	Gramin Utthan Seva Shrum samiti	For training under (RSVY)
15.	NABARD	Training and field visit of NABARD farmers krishak club.
16.	SBI (ADB)	For training farmers and officials
17.	Gomukhi Seva Sansthan (NGO), Devpahri, Korba	For Kisan Mela .
18.	World Vision India	For resource persons for trainings

5.2 List special programmes undertaken by the KVK, which have been financed by State Govt./Other Agencies : Nil

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)

5.3 Details of linkage with ATMA

a) Is ATMA implemented in your district Yes/No : **Yes**

S. No.	Programme	Nature of linkage	Remarks
1.	Training	Participation in training programme as Resourse person.	

5.4 Give details of programmes implemented under National Horticultural Mission :

S. No.	Programme	Nature of linkage	Constraints if any

5.5 Nature of linkage with National Fisheries Development Board

S. No.	Programme	Nature of linkage	Remarks
--------	-----------	-------------------	---------

6. PERFORMANCE OF INFRASTRUCTURE IN KVK

6.1 Performance of demonstration units (other than instructional farm) :

Sl. No.	Demo Unit	Year of estt.	Area	Details of production			Amount (Rs.)		Remarks
				Variety	Produce	Qty. (Kg)	Cost of inputs	Gross income	
1	Cafeteria on Field crops	08-09							
	Gram		-	Vaibhav	Non Seed	24	-	490/-	-
	Arhar		-	Laxmi	Non Seed	16	-	320/-	-
	Mustard		-	Pusa Jai Kisan	-	14	-	280/-	-
2.	Vegetable crop cafeteria	08-09							
	Cowpea + Maize			Sada Bahar + Hybrid		1.5 +35 cobs		50/-	
	Pumpkin			Gr. Gol		29		145/-	
	Bottle guord			Abha					
	Chilli			-					
	Brinjal			Pusa Kranti					
	Tomato			S-22					
	Bitter guord			Swasti					
	Lal bhaji			Bhaskar					
	Palak			Haritima					
	Methi			Sakar Sudha					
	Coriander			Sharda					
3.	Medicinal and Aromatic Plant cafeteria	08-09							
	Aloe-vera								
	Vantulsi								
	Vinca rosea								
	Citronella								
	Lemongrass								
	Patharchatta								
	Asparagus								
4.	Fruit crop cafeteria	08-09							
	Banana								
	Drumstick								
	Citrus								

6.2 Performance of instructional farm (Crops) including seed production

Name of	Date of	Date of	१ २ ३ ४ ५ ६ ७ ८ ९ १० ११ १२	Details of production	Amount (Rs.)	Rema
---------	---------	---------	----------------------------	-----------------------	--------------	------

the crop	sowing	harvest		Variety	Type of Produce	Qty. (q)	Cost of inputs	Gross income	rks
Cereals									
Paddy	10/7/08	2/11/08	6.00	MTU 1010	Seed	278.42	-	19365/- Rest amount is awaited	amount is awaited
Wheat	11/11/08	2/4/09	6.00	GW273	seed	122	-	amount is awaited	
Pulses									
Oilseeds									
Fibers									
Spices & Plantation crops									
Floriculture									
Fruits									
Mango				Dasherri		35		Under production	
Guawa				LK49		10			
Vegetables									
Potato				Kufri lalima	Non Seed	2.40		Rs. 780	
Onion				Onion	Non Seed	awaited			
Others (specify)									

6.3 Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.,) :

Sl. No.	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
-	-	-	-	-	-
-	-	-	-	-	-

6.4 Performance of instructional farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
1.	Animal 22	HF	Milk	12966.500	160499	197747	Profit: 37,248/-

6.5 Utilization of hostel facilities

Accommodation available (No. of beds) : Nil The farmers hostel is presently in the possession of Agriculture college (IGKV, Raipur) and used as U.G. student hostel.

7. FINANCIAL PERFORMANCE

7.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location	Account Number
With Host Institute			
With KVK	SBI,	Sarkanda	10190926606 (Main A/C)
	SBI,	Sarkanda	10190926639 (R/F)

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 2008	Rabi 2008 -09	Kharif 2008	Rabi 2008-09	
Inputs			0.117	0.079	-
Extension activities	NA				
TA/DA/POL etc.					
TOTAL			0.117	0.079	-

The expenditure have been incurred from regular contingency of KVK (2008-09)

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 2007	Rabi 2007 -08	Kharif 2008	Rabi 2008-09	
Inputs	NA		0.047	0.122	-
Extension activities					
TA/DA/POL etc.					
TOTAL			0.047	0.122	-

7.4 Utilization of funds under FLD on Cotton (Rs. In Lakhs) :

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

7.5 Utilization of KVK funds during the year 2007 -08 and 2008 -09 (upto April 2008) (year-wise separately) (current year and previous year)

S. No.	Particulars (2007-08) (In lakh)	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	28.0		28.87
2	Traveling allowances	0.98		0.47
3	Contingencies			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)			
B	POL, repair of vehicles, tractor and equipments			

C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)			
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	5.75		4.29
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)		34.73		33.63
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)				

S. No.	Particulars Upto April, 2009	Sanctioned	Released	Expenditure
A. Recurring Contingencies				
1	Pay & Allowances	28.00	28.00	32.15
2	Traveling allowances	1.25	1.25	0.69
3	Contingencies	6.75		6.72
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)			
B	POL, repair of vehicles, tractor and equipments			
C	Meals/refreshment for trainees (ceiling upto Rs.40/day/trainee be maintained)			
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)			
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)		36.00	36.00	39.56
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)			
----------------------------	--	--	--

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

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance in hand as on 1 st April of each year
April 2006 to March 2007	1.67	6.25	4.70	2.46
April 2007 to March 2008	2.59	5.24	4.45	1.41
April 2008 to March 2009	1.36	5.12	4.87	0.10

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

- ❖ Scientists of KVK are taking B.Sc (Ag) classes in College of Agriculture, Bilaspur.
- ❖ Scientists of KVK are performing examination duties as invigilator, member of flying squad external/internal examiners and observers at TCBCARS, Bilaspur and affiliated colleges of IGKV, Raipur.
- ❖ Scientist of the KVK actively involved in various activities related to organizing National Seminar/workshop
- ❖ Scientist of the KVK actively involved in attending and imparting various trainings and duties allotted by Govt.

8.1 Constraints

(a) Administrative :

1. Scientist of the Discipline animal husbandry is lying vacant.
2. Computer operator is required.
3. Driver cum mechanic post is vacant

(b) Financial : -

(c) Technical: Most of the time KVK vehicle is on protocol duty in State Deptt. which affect the routine work of the KVK.

(Signature of Programme Coordinator)

*Annexure I***Farmer/Farm women training On/Off campus during 1/04/08 to 30/03/09**

Date	Clientele	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
02/05/2008	Farmer	Improved cultivation of Soybean	01	Off	19	0	19	1	0	1
08/05/08	Farmer	Nursery raising	01	OFF	13	4	17	7	2	9
09/06/08	Farmer	Improved cultivation	1	Off	13	02	15	9	1	10
09/06/08	Farm women	Care of pregnant women	1	Off	5	10	15	4	8	12
11/06/08	Farmer	Integrated Pest Management on Arhar	1	Off	2	6	8	6	0	6
19/06/08	Farmer	Preparation of Papaya & improved cultivation technique	1	Off	18	0	18	1	0	1
20/06/08	Farmer	Plant protection on Soybean	1	Off	14	0	14	13	0	13
20/06/08	Farm Women	Kitchen gardening on Kharif	1	Off	0	12	12	0	12	12
22/06/08	Farmer	Group Dynamics	1	Off	9	0	09	7	0	7
23/06/08	Farmer	Cultivation of vegetable in Kharif	1	Off	18	0	18	0	0	0
08/07/08	Farmer	Group Dynamics	1	Off	4	0	4	0	0	0
24/07/08	Farm Women	Low cost diet	1	Off	0	6	6	0	3	3
27/07/08	Farmer	Repair & Maintenance of	1	Off	19	0	19	10	0	10

		Farm machinery								
02/08/08	Farmer	Formation of SHGs	1	Off	22	1	23	0	0	0
27/08/08	Farmer	Seed production technology	1	Off	50	0	50	45	0	45
05/09/08	Farmer	Crop Diverfication	1	Off	24	0	24	14	0	14
22/09/08	Farm women	Value addition	1	Off	0	15	15	0	0	0
23/09/08	Farmer	Fodder Production	1	Off	35	02	37	03	0	3
01/10/08	Farmer	Small scale Processing	1	Off	14	0	14	12	0	12
16/10/08	Farmer	Formation of SHGs	1	Off	39	11	50	05	02	07
27/10/08	Farmer	Production of organic input	1	Off	21	0	21	21	0	21
07/11/08	Farmer	Use of Bio-fertilizer & culture in rabi crop	1	Off	09	14	22	1	0	1
12/11/08	Farmer	Nursery Management	1	Off	09	1	10	09	01	10
25/11/08	Farmer	Training on repairing & maintenance on farm machinery	1	Off	14	0	14	05	0	5
06/12/08	Farmer	Improve cultivation of wheat	1	Off	20	0	20	18	0	18
11/12/08	Farm women	Value addition	1	Off	0	16	16	0	10	10
12/12/08	Farm women	Value addition	1	Off	0	12	12	0	10	10
03/03/09	Farm women	Income generation activities for emp. Rural women	1	Off	0	26	26	0	09	09
04/03/09	Farm women	Gender mainstreaming through SHGs	1	Off	18	18	36	05	04	9
20/03/09	Farmer	Demonstration of Mini Rice Mill	1	Off	23	0	23	4	0	4
02-03 June 2008	EF	Selection of healthy paddy seed by salt solution	2	On	17	6	23	5	3	8
04-05 June	EF	Tips for	2	On	10	1	11	4	0	4

2008		Demonstration unit								
26/06/08	Farmer	Demonstrations of Seed treatment drum	1	On	51	0	51	24	0	24
27/06/08	EF	Nursery management of Horticulture crop	2	On	14	04	18	06	1	7
30/06/08	EF	Balance use of fertilizer	1	On	20	6	26	7	3	10
28-29 June 2008	Angan Badi worker	Value addition of fruit & vegetable	2	On	0	10	10	0	3	3
30/06/08	EF	Soil testing based INM	1	On	28	5	33	9	3	12
22-23 July 2008	Farmer	Farm Machinery	2	On	42	0	42	19	0	19
04-05 Aug. 2008	Farmer	-	2	On	38	0	38	02	0	2
11-12Aug. 2008	Farmer	Layout & management of orchard	1	On	25	0	25	16	0	16
19/08/08	Farmer	Seed production of paddy	1	On	14	5	19	8	1	9
21/10/08	Farmer	Production tech. of Rabi crop	1	On	33	0	33	3	0	3
23-24 Dec.2008	EF	INM in Rabi crop	2	On	17	7	24	14	4	18
3-4Nov. 2008	EF	Group dynamic & farmer organization	02	On	10	7	17	3	3	6
05-06 Nov. 2008	EF	Effective commutation for TOT to the farmer	02	On	11	5	16	6	4	10
18/11/08	Farmer	Package & practice of Tomato cultivation	01	On	10	0	10	0	0	0
23/12/08	Aangan Wadi Worker	Value addition of fruit & Vegetable	02	On	0	6	6	0	0	0
14-15 Jan 2009	Farmer	Mushroom Cultivation	02	On	5	0	5	0	0	0
22-23	Farmer	Mushroom cultivation	02	On	5	0	5	0	0	0
13-19 Feb.2009	Farmer	Water management in rabi crop	7	On	42	8	50	23	4	27
18-19 Feb	Farmer	Group dynamic	02	On	11	0	11	6	0	6

2009		& farmer organization								
17-18 March 2009	Farmer	Farm Machinery	02	On	24	11	35	02	4	6
27-28 March 2009	Farmer	Trg on Rural storage	02	On	24	02	26	08	01	9

Sponsored Training Programmes

Sl.No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants							Sponsoring Agency
					PF/R Y/EF		Male		Female		Total			
							Others	SC/ST	Others	SC/ST	Others	SC/ST	Total	
1	Improved Production Technology	Productivity & enhancement	21-22 Aug.08	04	EF	02	65	19	02	0	67	19	86	State Dept of Agri, Bilaspur
2	Improved Production Technology	Productivity & enhancement	28-29 Aug											
3	Improved Production Technology	Integrated Pest management	04-5 Sept.08	02	EF	01	16	15	03	01	19	16	35	State Dept of Agri, Bilaspur
4	Improved Production Technology	Integrated Nutrient Management	10-11 Sept.08	02	EF	01	11	3	1	0	12	3	15	State Dept of Agri, Bilaspur
5	Improved Production Technology	Protected Cultivation	18-19 Sept.08	02	EF	01	19	01	03	1	22	8	30	State Dept of Agri, Bilaspur
6	Improved Production Technology	Information working farmers	25-26 Sept.08	02	EF	01	05	13	02	4	7	17	24	State Dept of Agri, Bilaspur

7	Improved Production Technology	WTO IPR issue	03-04 Oct.08	02	EF	01	06	02	01	03	07	05	12	State Dept of Agri, Bilaspur
8	Improved Production Technology	Gender mainstreaming through SHGs	07-08 Oct.08	02	EF	01	11	04	01	01	12	5	17	State Dept of Agri, Bilaspur
9	Improved Production Technology	Capacity of ICT application	16-17 Oct. 08	02	EF	01	23	09	01	01	24	10	34	State Dept of Agri, Bilaspur
10	Improved Production Technology	Integrated management in Rabi crop	23-24 Oct.08	02	EF	01	6	14	02	02	8	16	24	State Dept of Agri, Bilaspur
11	Improved Production Technology	Protected cultivation technology	28-29 Nov.08	02	EF	01	5	10	3	0	8	10	18	State Dept of Agri, Bilaspur
12	Improved Production Technology	Group Dynamics	5-06 Dec.08	02	EF	01	05	10	03	01	8	11	19	State Dept of Agri, Bilaspur
13	Improved Production Technology	Group Dynamics	11-12 Dec.08	02	EF	01	05	9	0	2	5	11	16	State Dept of Agri, Bilaspur

14	Improved Production Technology	Protected cultivation technology	16-17 Dec.08	02	EF	01	03	7	1	2	4	9	13	State Dept of Agri, Bilaspur
15	Improved Production Technology	Capacity Building of ICT application	26-27 Dec.08	02	EF	01	11	12	0	0	11	12	23	State Dept of Agri, Bilaspur
16	Improved Production Technology	Capacity Building of ICT application	30-31 Dec.08	02	EF	01	07	05	02	02	09	07	16	State Dept of Agri, Bilaspur
17	Improved Production Technology	Gender man streaming Through SHGs	02-03 Jan 2009	02	EF	01	4	07	02	02	6	9	15	State Dept of Agri, Bilaspur
18	Improved Production Technology	Gender man streaming Through SHGs	06-07 Jan.2009	02	EF	01	11	07	0	0	11	7	18	State Dept of Agri, Bilaspur
19	Improved Production Technology	Water Management	15-16 jan.2009	02	EF	01	11	12	0	0	11	12	23	State Dept of Agri, Bilaspur
20	Improved Production Technology	Water Management	23-24 Jan 2009	02	EF	01	01	5	01	0	2	5	7	State Dept of Agri, Bilaspur

