ANNUAL PROGRESS REPORT

01-04-2011 to 31-03-2012

KRISHI VIGYAN KENDRA

KANKER (C. G.) - 494334

INDIRA GANDHI KRISHI VISHWA VIDYALAYA, RAIPUR

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REPORTING PERIOD – April 2011 to March, 2012

Summary of achievements during the reporting period

KVK Name	Activity	Target		Achievement		
		Number of activity	No. of farmers/ beneficiaries	Number of activity	No. of farmers/ beneficiaries	Total value of resource generated/Fund received from diff. sources (Rs.)
	OFTs	10	50	10	50	
	FLDs – Oilseeds (activity in ha)	10	24	10	24	
	FLDs – Pulses (activity in ha)	10	24	10	26	
	FLDs – Cotton (activity in ha)	-	-	-	-	
	FLDs – Other than Oilseed and pulse crops(activity in ha)	20	75	23	75	
	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	3	20	3	20	
	Training-Farmers and farm women	80	2000	88	2225	
	Training-Rural youths	7	100	7	105	
	Training- Extension functionaries	10	200	10	289	
	Extension Activities	300	4000	303	4281	
	Seed Production (Number of activity as seeds in quintal)	-	350	-	360	
	Planting material ((Number of activity as quantity of planting material in quintal)	50000	-	-	55000	
	Seedling Production (Number of activity as number of seedlings in numbers)	25000	-	-	28000	
	Sapling Production (Number of activity as number of sapling in numbers)	-	-	-	-	
	Other Bio- products		-	-	-	
	Live stock products		-	-	-	
	SAC Meeting (Date & no. of core/official members	1	25	1	19	
	Newsletters (no.)	4	2000	4	2000	
	Publication (Research papers, popular article)	8	-	7	-	
	Convergence programmes / Sponsored programmes	-	-	8	240	
	KVK-ATMA Linkage programme (Number of activities)	-	-	1	50	
	Outreach of KVK in the District (No. of blocks, no. of villages)	5 blocks	35 villages	6 blocks	39 villages	
	Soil sample tested	--	-	50	350	
	Water sample tested	-	-	-	-	
	KMA (No. of messages & beneficiaries)	-	-	-	-	

1. GENERAL INFORMATION

1.1. Staff Position (as on 31.03.2012)

Name of KVK	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Speciali-zation	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/ OBC/ Others)
Kanker	Programme Coordinator	Vacant	-	-	-	12000-18300/-	-	-	-	-
Kanker	Subject Matter Specialist1	Dr. Birbal Sahu	Agronomy	(Ph.D.)	Agronomy	8000-13500/-	9100	05.12.07	Temporary	OBC
Kanker	Subject Matter Specialist2	Shri P.S. Markam	Horticulture	M.Sc. (Ag.)	Olericulture	8000-13500/-	8000	06.10.08	Temporary	ST
Kanker	Subject Matter Specialist3	Vacant	-	-	-	8000-13500/-	-	-	-	-
Kanker	Subject Matter Specialist4	Vacant	-	-	-	8000-13500/-	-	-	-	-
Kanker	Subject Matter Specialist5	Vacant	-	-	-	8000-13500/-	-	-	-	-
Kanker	Subject Matter Specialist6	Vacant	-	-	-	8000-13500/-	-	-	-	-
Kanker	Programme Assistant	Vacant	-	-	-	5500-9000/-	-	-	-	-
Kanker	Farm Manager	Vacant	-	-	-	5500-9000/-	-	-	-	-
Kanker	Computer Programmer	Shri Narendra Nag	Agronomy	M.Sc. (Ag.)	Agronomy	5500-9000/-	5850	19.02.08	Temporary	Gen.
Kanker	Accountant / superintendent	Vacant	-	-	-	5500-9000/-	-	-	-	-
Kanker	Stenographer	-	-	-	-	3050-4590/-	-	-	-	-
Kanker	Driver	Shri Shailendra Wani	-	6th	-	3050-4590/-	3550	01.08.08	Temporary	Others
Kanker	Driver	Vacant	-	-	-	3050-4590/-	-	-	-	-
Kanker	Supporting staff	Shri Bangalu Ram Kewat	-	-	-	2550-3200/-	2550	16.09.08	Temporary	OBC
Kanker	Supporting staff	Shri Hari Shankar Yadav	-	8th	-	2550-3200/-	2550	28.06.10	Temporary	OBC

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

Geographical area	– 6.43 lakh ha.
Forest area	– 2.80 lakh ha (43.6%)
Net cultivated area	– 2.10 lakh ha
Double cropped area	– 0.18 lakh ha.
Kharif crop area	– 2.27 lakh ha.
Rabi crop area	– 0.49 lakh ha.
Cropping intensity	– 122%
Land unavailable for cultivation	– 0.5 lakh ha.
Waste land area	– 0.18 lakh ha.
Grazing land	– 0.48 lakh ha.
Rabi irrigated area	– 0.18 lakh ha.
Total villages	– 991
Total blocks	– 7
Total tehsils	– 6

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

S. No	Farming system/enterprise
1 – Upland	Paddy-fallow Blackgram-fallow Niger-Fallow
2 – Lowland	Paddy-Linseed (Utera) Paddy-Wheat Paddy-Gram/Lentil/Linseed Paddy-fallow

*Rabi crops depend mostly on winter rains available & irrigation resources.

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

S. No	Agro-climatic Zone	Characteristics
1	Chhattisgarh Plains	-Sub humid climate -Average annual rainfall- 1300-1600mm between June-Sept. -Potential evapotranspiration (PET)- 1550-1650mm -Maximum rainfall is between June-August -Annual mean temperature- 25-26°C -Length of growing period (LGP)- 128-134 days (150mm)

S. No	Agro ecological situation	Characteristics
1		-Alfisols with medium depth -Acidic to neutral soils -Available N – Medium, P – Low, K – Medium -Underground water table sporadic

Soil type/s

S.No.	Soil type	Characteristics	Area (ha)
1.	*Bhata (Entisol)*	Coarse texture with gravels, acidic in nature, low WHC & fertility	48363
2.	*Matasi (Inceptisol)*	Lighter in texture, shallow to medium depth & limited WHC	73693
3.	*Dorsa (Alfisol)*	Good WHC, fine texture & loamy	64484
4.	*Kanhar (Vertisol)*	Deep, good WHC, good fertility & high clay content	43757

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

S. No.	Crop	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)
Kharif Crops -				
	Grains			
1	Paddy	159120	2694700	16.94
2	Jowar	800	7200	9.10
3	Maize	9810	172100	17.55
4	Kodo	14500	34000	2.35
	Pulses			
1	Arhar	2300	27800	12.10
2	Moong	5250	31700	6.05
3	Urad	9320	52100	5.60
4	Kulthi	8250	34200	4.15
	Oilseeds			
1	Sesamum	2860	9000	3.15
2	Niger	3800	11400	3.00
3	Others	120	-	-
Rabi Crops -				
	Grains			
1	Wheat	1900	36100	19.00
2	Maize	4800	82300	17.15
3	Summer Paddy	2200	57200	26.00
	Pulses			
1	Chickpea	4500	34600	7.70
2	Pea	4400	22200	5.05
3	Kulthi	3500	14300	4.10
4	Lathyrus	3250	22900	7.05
5	Others	2060	-	-
Oilseeds				
1	Mustard	7800	58800	7.55
2	Linseed	6190	24400	3.95
3	Others	120	-	-

1.3. DETAILS OF ADOPTED VILLAGE during the reporting period (Approved by competent Authority in meetings/workshops)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Kanker	Kanhanpuri	2008	Narharpur	16	1523	252
Kanker	Dhanelikanhar	2008	Kanker	21	1461	219

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

KVK Name	THRUST AREA
KVK Kanker	Improvement in production and productivity of major crops like Paddy, Urd, Sesame, Chickpea, Wheat, Linseed and Maize by introduction of HYV within the existing situation.
KVK Kanker	Nutrient management in major crops for obtaining potential yield and maintaining soil fertility.
KVK Kanker	Diversification of existing farming systems through introduction of vegetables and fruit crops.
KVK Kanker	Insect pest and disease management in paddy, gram and vegetables.
KVK Kanker	Empowerment of women and generation of self-employment for rural youths.
KVK Kanker	Recycling of farm and animal wastes through vermi-composting.
KVK Kanker	Mechanization through introduction of improved implements.
KVK Kanker	Management and up gradation of indigenous cattle breeds through AI services.
KVK Kanker	Enhancement of profit with focus on value addition.

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

KVK Name	Problem identified	Methods of problem identification
KVK Kanker	Paddy - Imbalance use of fertilizers	PRA, Group Meeting & Individual Contact
KVK Kanker	Infestation of weeds	PRA, Group Meeting & Individual Contact
KVK Kanker	Use of poor quality seed	PRA, Group Meeting & Individual Contact
KVK Kanker	Broad casting method of sowing	PRA, Group Meeting & Individual Contact
KVK Kanker	Incidence of stem borer & blast	PRA, Group Meeting & Individual Contact
KVK Kanker	Sesame - Use of local verity seed	PRA, Group Meeting & Individual Contact
KVK Kanker	Imbalance use of fertilizer	PRA, Group Meeting & Individual Contact
KVK Kanker	Broad casting method of sowing	PRA, Group Meeting & Individual Contact
KVK Kanker	Blackgram - Imbalance use of fertilizers	PRA, Group Meeting & Individual Contact
KVK Kanker	Use of poor quality seed	PRA, Group Meeting & Individual Contact
KVK Kanker	Infestation of yellow mosaic	PRA, Group Meeting & Individual Contact
KVK Kanker	Wheat - Imbalance use of fertilizers	PRA, Group Meeting & Individual Contact
KVK Kanker	Broad casting method of sowing	PRA, Group Meeting & Individual Contact
KVK Kanker	Chickpea - Use of poor quality seed	PRA, Group Meeting & Individual Contact
KVK Kanker	Imbalance use of fertilizers	PRA, Group Meeting & Individual Contact
KVK Kanker	Infestation of pod borer & wilt disease	PRA, Group Meeting & Individual Contact
KVK Kanker	Linseed - Broad casting method of sowing (utera)	PRA, Group Meeting & Individual Contact
KVK Kanker	No use of fertilizer in utera crop	PRA, Group Meeting & Individual Contact
KVK Kanker	Infestation of powdery mildew	PRA, Group Meeting & Individual Contact
KVK Kanker	Small millets - Imbalance use of fertilizers	PRA, Group Meeting & Individual Contact
KVK Kanker	Broad casting method of sowing	PRA, Group Meeting & Individual Contact
KVK Kanker	No use of improved variety	PRA, Group Meeting & Individual Contact
KVK Kanker	Horticultural crops - Use of poor quality seed	PRA, Group Meeting & Individual Contact
KVK Kanker	Imbalance use of fertilizers	PRA, Group Meeting & Individual Contact
KVK Kanker	Infestation of pod borer & wilt disease	PRA, Group Meeting & Individual Contact
KVK Kanker	Livestock - Low milk yield in cow & buffalo due to	PRA, Group Meeting & Individual Contact
KVK Kanker	- Imbalance feeding	PRA, Group Meeting & Individual Contact
KVK Kanker	- Infestation of various diseases in animals.	PRA, Group Meeting & Individual Contact
KVK Kanker	- Desi breed of cow and buffalo	PRA, Group Meeting & Individual Contact
KVK Kanker	Soil - Undulated topography of land, which leads to soil erosion.	PRA, Group Meeting & Individual Contact

2. On Farm Testing

2.1 Information about OFT

KVK name	Year/ season	Problem diagnose	Category of technology (Assessment/ Refinement)	Thematic Area	Crop/ enterprise	Farming Situation	Title of OFT	No. of trials	Results (with parameter)		Net Returns (Rs./ha)		Recommendations
									Farmer practice T1	Rec. Tech T2	T1	T2	
Kanker	Kharif,10	High work load on farm women	**Assessment**	Drudgery reduction	Maize	Rainfed	Assessment of hand hoe for drudgery reduction	5	Yield 52.5 q/ha	Yield 54.5 q/ha	29500	31600	
Kanker	Kharif,10	Unavailibility of labour in time	**Assessment**	Farm machinery	Paddy	Irrigated	Assessment of Ambika paddy weeder for weeding	5	Yield 26.4 q/ha	Yield 29.5 q/ha	19100	21950	
Kanker	Kharif,10	Yield variation of existing varieties	**Assessment**	Varietal evaluation	Cowpea	Irrigated	Assessment of cowpea varieties	5	Yield 38.0 q/ha	Yield 56.0 q/ha	55100	62406	
Kanker	Kharif,10	Low yield of local variety	**Assessment**	Varietal evaluation	Sweet potato	Irrigated	Assessment of sweet potato varieties	5	Yield 152 q/ha	Yield 205 q/ha	54145	83051	
Kanker	Kharif,10	Requires high seed rate & mechanical weeding is difficult	**Assessment**	ICM	Rice	Irrigated	Assessment of SRI method of rice cultivation	5	Yield 33.25 q/ha	Yield 42.35 q/ha	23225	29310	
Kanker	Kharif,10	Low yield due to infestation of fruit & shoot borer	**Assessment**	IPM	Brinjal	Irrigated	Assessment of IPM module against fruit & shoot borer	5	Yield 152 q/ha	Yield 206 q/ha	37740	59750	
Kanker	Rabi, 10-11	Low yield under utera cultivation	**Assessment**	ICM	Linseed	Rainfed	Assessment of improved utera cultivation	5	Yield 2.10 q/ha	Yield 4.25 q/ha	1930	4650	
Kanker	Rabi, 10-11	Low profit from existing crop	**Assessment**	ICM	Marigold	Irrigated	Assessment of crop diversification through flower cultivation	5	Yield 75 q/ha	Yield 102 q/ha	41511	72497	
Kanker	Rabi, 10-11	Low yield due to infestation of weed	**Assessment**	Weed management	Wheat	Irrigated	Assessment of chemical weed control in wheat	5	Yield 14.25 q/ha	Yield 17.50 q/ha	8425	11150	
Kanker	Rabi, 10-11	Uneven plant population & labour problem	**Assessment**	Farm machinery	Maize	Irrigated	Assessment of power operated maize dibler	5	Awaited	Awaited	-	-	

2.2 Economic Performance

KVK name	OFT Title	Parameters			Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)		
		Name and unit of Parameter	Demo	Check	FP (T_1)	RP (T_2)	Refined Practice, if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice , if any (T_3)	FP (T_1)	RP(T_2)	Refined Practice , if any (T_3)	FP (T_1)	RP (T_2)	Refined Practice , if any (T_3)
Kanker	Assessment of hand hoe for drudgery reduction	Labour req. (hr/ha.)	110	140	1250	1200	-	42000	43600	-	29500	31600	-	3.36	3.63	-
Kanker	Assessment of Ambika paddy weeder for weeding	Feild Capacity (ha./hr.)	0.023	0.007	7300	7550	-	26400	29500	-	19100	21950	-	3.61	3.90	-
Kanker	Assessment of cowpea varieties	Pods/plant (No.)	18.2	11.9	16900	18594	-	60000	81000	-	43100	62406	-	2.55	3.36	-
Kanker	Assessment of sweet potato varieties	Tuber wt./plant (g)	256	168	52255	60449	-	106400	143500	-	54145	83051	-	2.03	2.37	-
Kanker	Assessment of SRI method of rice cultivation	Tillers/plant (No.)	15.5	9.25	10025	12040	-	33250	42350	-	23225	29310	-	3.31	3.51	-
Kanker	Assessment of IPM module against fruit & shoot borer	Infected fruits/m^2 (no.)	1.6	3.5	38260	43250	-	76000	103000	-	37740	59750	-	1.99	2.38	-
Kanker	Assessment of improved utera cultivation	Pods/plant (No.)	34.0	29.5	1500	3000	-	3780	7650	-	1930	4650	-	1.29	1.55	-
Kanker	Assessment of crop diversification through flower cultivation	Yield (q/ha.)	102 Marigold	75 Maize	18489	29503	-	60000	102000	-	41511	72497	-	3.24	3.45	-
Kanker	Assessment of chemical weed control in wheat	Weed biomass/ m^2 (g)	32	98	7250	8100	-	15675	19250	-	8425	11150	-	2.16	2.37	-
Kanker	Assessment of power operated maize dibler	Cob length (cm)	15.50	12.40	12300	12500	-	41200	44200	-	28900	31700	-	3.34	3.53	-

2.3 Feedback from KVK to Research System

Name of KVK	Feedback
Kanker	1. Ambika paddy weeder is suitable implement for weeding in line sown submerged paddy but suitable bullock drawn line sowing implement is needed. Although, bullock drawn seed cum fertiliser dill is avilable but not suitable for all types of soils. 2. Cowpea variety CP-4 is well suited but unavailability of seed is a major problem. 3. SRI method of rice cultivation is suitable but most of the paddy feild in the district is bunded and drainage is a major problem. Hence, inter of SRI is required. 4. Improved utera cultivation of linseed gave higher yield as compared to traditional method but farmers also expected higher yielding variety of feildpea (batari) for utera cultivation. 5. Cultivation of marigold in place of hybrid maize in rabi season is more profiable but availability of high yielding composite variety is needed.

3. Achievements of Frontline Demonstrations

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

List of technologies demonstrated and popularized during previous years and recommended for large scale adoption in the district

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
Kanker	Rice	Seed production	Production technique	Training, demonstration & group meeting	12	65	105
Kanker	Rice	Improved implement	Seed cum fertiliser drill	Training, demonstartion & group meeting	15	145	72
Kanker	Sesame	Improved variety	TKG-22	Training, demonstartion & feild day	3	28	25
Kanker	Brinjal	Disease management	Resistant variety + Seedling treatment	Training, demonstartion & group meeting	8	50	25
Kanker	Rice	Improved implement	Self propelled reaper	Training, demonstartion & group meeting	28	73	85
Kanker	Rice	Weed management	Almix@20g + Whipsuper@625ml/ha + 1HW at 40 DAS	Training, demonstartion & group meeting	60	165	95
Kanker	Rice	Improved variety	Chandrahasini	Training, demonstartion & feild day	10	75	40

3.2 Details of FLDs implemented

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop-Area (ha) / Entrep - No.	Name of Variety/Technology/Entreprizes	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Kanker	Nutrient management	Ginger	Kharif,10	Rec. dose of fertilizer	1.0	RDF of NPK 150:100:120 kg/ha	130	99	31.3	-	2	3	-	5
Kanker	Varietal evaluation	Chilli	Kharif,10	Improved variety	1.0	JM-218	102	78	30.7	-	2	8	-	10
Kanker	ICM	Sesame	Kharif,10	Package demo.	5.0	HYV TKG-8 & RDF 30:30:20 NPK kg/ha	5.12	4.05	26.4	-	8	4	-	12
Kanker	ICM	Blackgram	Kharif,10	Package demo.	5.0	Use of HYV KU 96-3 & RDF 20:50:20 NPK kg/ha	7.71	6.10	26.3	1	7	4	1	13
Kanker	Improved implement	Rice	Kharif,10	Line sowing	4.0	Seed cum fertiliser drill	28.50	24.92	14.45	1	8	1	-	10
Kanker	Varietal evaluation	Rice	Kharif,10	Improved variety	4.0	Karma Masuri	32.25	27.50	17.27	1	6	3	-	10
Kanker	Varietal evaluation	Maize	Kharif,10	Hybrid variety	4.0	30 R 77	26.70	20.62	29.48	-	7	3	-	10
Kanker	IPM	Rice	Kharif,10	Chemical & mechanical control	4.0	Pheroman trap @ 5/ha + Carbofuron @ 1 kg ai/ha	25.50	21.25	20.0	-	8	2	-	10
Kanker	IWM	Rice	Kharif,10	Chemical & cultural control	4.0	Almix@4gai/ha + whip super@625 ml/ha + 1HW at 40 DAS	27.80	22.35	24.38	-	10	-	-	10
Kanker	Improved implement	Blackgram	Kharif,10	Line sowing by bullock drwn implement	1.0	Mahakaal Duphan	7.10	5.98	21.23	-	3	-	2	5
Kanker	ICM	Chickpea	Rabi,10-11	Package demo.	5.0	HYV Vaibhav& RDF 20:40:20 NPK kg/ha	8.25	6.30	30.95	-	9	-	3	12
Kanker	ICM	Linseed	Rabi,10-11	Package demo.	5.0	HYV Kartika & RDF 60:30:30 NPK kg/ha	7.11	5.40	31.70	2	8	3	-	13
Kanker	Improved implement	Wheat	Rabi,10-11	Line sowing	4.0	Seed cum fertiliser drill	16.20	13.50	18.62	-	4	6	-	10
Kanker	Nutrient management	Wheat	Rabi,10-11	RDF	2.0	RDF@ 120:60:40 NPK kg /ha + 5 kg zinc/ha	18.50	14.25	29.82	-	2	3	-	5
Kanker	Varietal evaluation	Maize	Rabi,10-11	Hybrid variety	2.0	30V92	58.50	52.10	12.28	-	-	5	-	5
Kanker	Varietal evaluation	Onion	Rabi,10-11	Imp. variety	1.0	N-53	Await.	Await.	Await.	1	5	3	1	10

3.3 Economic Impact of FLD

KVK Name	Name of Crop/ Enterprise	Technology demonstrated	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check
Kanker	Ginger	RDF of NPK 150:100:120 kg/ha	Wt of rhizome/m^2 (jkg)	1.30	0.99	139133	125000	325000	247500	185867	122500	2.33	1.98
Kanker	Chilli	JM-218	Fruits/plant (No.)	40	32	45754	41250	153000	117000	107246	75750	3.34	2.83
Kanker	Sesame	HYV TKG-8 & RDF 30:30:20 NPK kg/ha	Pods/plant (No.)	30	23.5	6030	5250	20480	16200	14450	10950	3.39	3.08
Kanker	Blackgram	Use of HYV KU 96-3 & RDF 20:50:20 NPK kg/ha	Pods/plant (No.)	12.4	10.25	7100	5930	19275	15250	12175	9320	2.71	2.57
Kanker	Improved implement	Seed cum fertiliser drill	Plants/ m^2 (No.)	54	45	7400	7100	28500	24900	21100	17800	3.85	3.50
Kanker	Rice	Improved Variety-Karma Masuri	Tillers/ m^2 (No.)	482	405	8560	8125	32250	27500	23690	19375	3.76	3.38
Kanker	Maize	Hybrid Variety 30 R 77	Cob length (cm)	16.5	13.40	6950	5800	21360	16496	14410	10696	3.07	2.84
Kanker	Rice	Pheroman trap @ 5/ha + Carbofuron @ 1 kg ai/ha	Infected plant (No.)	6	13	8200	7350	25500	21250	17300	13900	3.10	2.89
Kanker	Rice	Chlorimuron+metasulfuron@4gai/ha + whip super@625 ml/ha + 1HW at 40 DAS	Weed biomass at 60 DAS (g/m^2)	46	110	8350	8625	27800	22350	19450	13725	3.32	2.59
Kanker	Improved implement	Mahakaal Duphan	Feild Capacity (ha/hr)	0.131	0.057	6500	6000	17750	14950	11250	8950	2.73	2.49
Kanker	Chickpea	HYV Vaibhav& RDF 20:40:20 NPK kg/ha	Pods/plant (No.)	34.5	29	7350	6050	17064	12960	9714	6910	2.32	2.14
Kanker	Linseed	HYV Kartika & RDF 60:30:30 NPK kg/ha	Pods/plant (No.)	23.25	18.50	8275	6979	20625	15750	12350	8771	2.49	2.25
Kanker	Improved implement	Seed cum fertiliser drill	Effective tillers/ m^2 (No.)	395	358	7610	6860	17820	14850	10210	7990	2.34	2.16
Kanker	Wheat	RDF@ 120:60:40 NPK kg /ha + 5 kg zinc/ha	Effective tillers/ m^2 (No.)	402	375	8575	7250	20350	15675	11775	8425	2.37	2.16
Kanker	Maize	Hybrid Variety - 30V92	Cob length (cm)	18.2	14.5	10800	10250	46800	41680	36000	31430	4.33	4.06
Kanker	Onion	Improved Variety - N-53	Awaited	-	-	-	-	-	-	-	-	-	-

3.4 Feedback of the Farmers

Name of KVK	Feedback
Kanker	1. Improved variety of Chili JM-218 is compatible with hybrid variety but unavailability of seed is problem. 2. Sesame variety TKG-8 gave higher yield as compared to existing varieties but unavailability of seed is problem. 3. Blackgram variety KU 96-3 is high yielding and most of the farmers liked this variety. 4. Farmers liked line sowing of paddy by seed cum fertiliser drill. 5. Rice variety Karma Masuri is suitable under midland situation and gave higher yield as compared to existing varieties like Swarna. 6. Mahakaal Duphan is suitable implement for sowing in light soil conditions only and farmers expressed their views on suitable implement for all type of soils. 7. Chickpea and linseed variety Vaibhav and Kartika respectively proved high yielding as compared to existing varieties used by farmers but seed availability at block level is required.

3.5 Training and Extension activities under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Kanker	Ginger	Field days	-	-	-
		Farmers Training	1	23	-
		Media coverage	-	-	-
		Training for extension functionaries	1	29	-
Kanker	Chilli	Field days	-	-	-
		Farmers Training	1	23	-
		Media coverage	-	-	-
		Training for extension functionaries	1	29	-
Kanker	Sesame	Field days	1	52	-
		Farmers Training	2	49	-
		Media coverage	1	-	-
		Training for extension functionaries	1	27	-
Kanker	Blackgram	Field days	1	48	-
		Farmers Training	2	53	-
		Media coverage	1	-	-
		Training for extension functionaries	1	27	-
Kanker	Improved implement	Field days	-	-	-
		Farmers Training	8	160	-
		Media coverage	4	-	-
		Training for extension functionaries	1	32	-
Kanker	Rice	Field days	1	56	-
		Farmers Training	2	41	-
		Media coverage	1	-	-

		Training for extension functionaries	2	51	-
Kanker	Maize	Field days	1	47	-
		Farmers Training	1	26	-
		Media coverage	1	-	-
		Training for extension functionaries	2	47	-
Kanker	Rice	Field days	1	42	-
		Farmers Training	1	24	-
		Media coverage	-	-	-
		Training for extension functionaries	1	27	-
Kanker	Rice	Field days	-	-	-
		Farmers Training	1	25	-
		Media coverage	-	-	-
		Training for extension functionaries	-	-	-
Kanker	Improved implement	Field days	-	-	-
		Farmers Training	8	160	-
		Media coverage	4	-	-
		Training for extension functionaries	1	32	-
Kanker	Chickpea	Field days	1	49	-
		Farmers Training	2	55	-
		Media coverage	1	-	-
		Training for extension functionaries	2	47	-
Kanker	Linseed	Field days	1	59	-
		Farmers Training	2	48	-
		Media coverage	1	-	-
		Training for extension functionaries	2	49	-
Kanker	Improved implement	Field days	-	-	-
		Farmers Training	1	23	-
		Media coverage	-	-	-
		Training for extension functionaries	-	-	-
Kanker	Wheat	Field days	1	50	-
		Farmers Training	2	52	-
		Media coverage	1	-	-
		Training for extension functionaries	2	49	-
Kanker	Maize	Field days	-	-	-
		Farmers Training	1	28	-
		Media coverage	-	-	-
		Training for extension functionaries	-	-	-
Kanker	Onion	Field days	-	-	-
		Farmers Training	1	22	-
		Media coverage	-	-	-
		Training for extension functionaries	1	26	-

4. Documentation of the need assessment conducted by the KVK for the training programme

Name of KVK	Category of the training	Methods of need assessment	Date and place	No. Of participants involved
Kanker	RY	Group discussion	05.10.10, Kanhanpuri	20
Kanker	RY	Group discussion	03.02.11, Largaon	30
Kanker	FW	Group discussion	05.06.10, Kanhanpuri	40
Kanker	IS	Group discussion	05.09.10, Kanker	35

Abbreviation Used

FW	(A) Farmers & Farm Women
RY	(B) Rural Youths
IS	(C) Extension Personnel
ONC	On Campus Training Programme
OFC	Off Campus Training Programme
M	Male
F	Female
T	Total
Thematic Areas for Training	
CRP	Crop Production
HOV	Horticulture – Vegetable Crops
HOF	Horticulture-Fruits
HOO	Horticulture- Ornamental Plants
HOP	Horticulture- Plantation crops
HOT	Horticulture- Tuber crops
HOS	Horticulture- Spices
HOM	Horticulture- Medicinal and Aromatic Plants
SFM	Soil Health and Fertility Management
LPM	Livestock Production and Management
WOE	Home Science/Women empowerment
AEG	Agril. Engineering
PLP	Plant Protection
FIS	Fisheries
PIS	Production of Inputs at site
CBD	Capacity Building and Group Dynamics
AGF	Agro-forestry
OTH	Others
RYH	Rural Youth
EXP	Extension Personnel

5. TRAINING PROGRAMMES

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

Table 5.1. Details of Training programmes conducted by the KVKs

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
Kanker	IS	ONC	CRP	Productivity enhancement in feild crops	4	4	10	4	9	3	41	4	38	5
Kanker	IS	ONC	PLP	Integrated pest management	2	2	8	2	5	4	16	1	17	3
Kanker	IS	ONC	SFM	Production and use of organic inputs	1	1	3	1	5	2	10	3	5	3
Kanker	IS	ONC	AEG	Operation and maintenance of agricultural implements	1	1	5	3	6	-	9	-	6	-
Kanker	IS	ONC	HOV	Production technology of vegetables	2	2	8	0	7	1	28	-	14	-
Kanker	FW	OFC	CRP	Weed management	3	3	9	-	6	-	29	-	25	-
Kanker	FW	OFC	CRP	Resource conservation technology	2	2	5	-	8	-	27	-	47	12
Kanker	FW	OFC	CRP	Cropping system	2	2	4	-	4	-	38	-	22	-
Kanker	FW	OFC	CRP	Crop diversification	2	2	6	-	8	-	29	-	10	-
Kanker	FW	OFC	CRP	Integrated farming system	1	1	7	-	1	-	18	-	5	-
Kanker	FW	OFC	CRP	Water management	2	2	15	-	5	-	32	-	8	-
Kanker	FW	OFC	CRP	Seed production of rice & gram	2	2	22	-	5	-	23	-	10	-
Kanker	FW	OFC	CRP	Nursery management	2	2	10	-	1	-	15	-	25	-
Kanker	FW	OFC	CRP	Integrated crop management	4	4	11	-	19	-	60	-	29	-
Kanker	FW	OFC	CRP	Production of organic inputs	2	2	10	-	9	-	29	-	30	-
Kanker	FW	OFC	HOV	Production of low volume & high value crops	2	2	22	-	3	-	15	-	22	-
Kanker	FW	OFC	HOV	Cultivation of off season vegetables	1	1	15	-	2	-	5	-	15	-
Kanker	FW	OFC	HOV	Nursery raising techniques	3	3	31	-	2	-	9	-	20	-
Kanker	FW	OFC	HOF	Training & pruning of fruit crops	2	2	24	-	4	-	10	-	15	-
Kanker	FW	OFC	HOF	Layout & management of orchards	3	3	31	-	4	-	18	-	11	-
Kanker	FW	OFC	HOF	Cultivation techniques of mango & guava	2	2	15	-	3	-	9	-	22	-
Kanker	FW	OFC	HOF	Management of young plants/orchards	2	2	19	-	3	-	13	-	21	-
Kanker	FW	OFC	HOF	Rejuventation of old orchards	1	1	15	-	2	-	15	-	5	-
Kanker	FW	OFC	HOF	Micro-irrigation system in orchards	1	1	8	-	2	-	8	-	12	-
Kanker	FW	OFC	HOF	Techniques of plant propogation	2	2	5	-	3	-	18	-	20	-
Kanker	FW	OFC	HOM	Nursery management techniques	1	1	7	-	1	-	15	-	9	-

Name of KVK	Cate-gory	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Participants							
							General		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	7	8	9	10	11	12	13	14		
Kanker	FW	OFC	SFM	Management of soil fertility	4	4	10	-	7	-	28	-	25	-
Kanker	FW	OFC	SFM	Soil & Water conservation	2	2	9	-	3	-	10	-	18	-
Kanker	FW	OFC	SFM	Integrated nutrient management	1	1	8	-	-	-	7	-	7	-
Kanker	FW	OFC	SFM	Production technology of vermicompost	1	1	8	-	3	-	12	-	1	-
Kanker	FW	OFC	FIS	Rearing & management of fish	1	1	5	-	1	-	10	-	3	-
Kanker	FW	OFC	LPM	Rearing of milch animals	2	2	16	-	5	-	17	-	10	-
Kanker	FW	OFC	LPM	Rearing and management of poultry birds	1	1	-	-	2	-	15	-	3	-
Kanker	FW	OFC	LPM	Disease management in animals	1	1	3	-	2	-	10	-	8	-
Kanker	FW	OFC	LPM	Feeding management of milch animals	1	1	2	-	1	-	8	-	9	-
Kanker	FW	OFC	WOE	Management of kitchen gardening	1	1	-	-	-	3	-	19	-	8
Kanker	FW	OFC	WOE	Storage techniques of food grains	1	1	-	-	-	2	-	10	-	5
Kanker	FW	OFC	WOE	Value addition	1	1	-	-	-	1	-	10	-	5
Kanker	FW	OFC	WOE	Drudgery reduction	1	1	-	-	-	2	-	12	-	8
Kanker	FW	OFC	AEG	Operation and maintenance of agricultural implements	8	8	22	4	10	-	108	7	7	3
Kanker	FW	OFC	AEG	Micro-irrigation	5	5	32	8	12	-	41	19	20	9
Kanker	FW	OFC	AEG	Repair & maintenance of farm machinery and implements	2	2	15	-	8	-	29	-	18	-
Kanker	FW	OFC	AEG	Post harvest technology	1	1	-	-	1	-	15	-	2	-
Kanker	FW	OFC	PLP	Pest management	6	6	15	2	10	-	80	15	20	6
Kanker	FW	OFC	PLP	Disease management	2	2	5	-	3	-	18	4	5	-
Kanker	FW	OFC	PLP	Plant protection in kharif crops	2	2	5	-	3	-	16	6	5	-
Kanker	FW	OFC	PLP	Plant protection in rabi crops	2	2	-	-	2	-	18	-	10	-
Kanker	RY	OFC	RYH	Mushroom production technology	1	1	4	-	-	-	13	-	3	-
Kanker	RY	OFC	RYH	Seed production	2	2	8	-	3	-	15	-	2	-
Kanker	RY	OFC	RYH	Vermicomposting	2	2	9	-	1	-	30	-	6	-
Kanker	RY	OFC	RYH	Nursery management of horticultural crops	1	1	2	-	2	-	13	-	6	-
Kanker	RY	OFC	RYH	Planting amterial production	1	1	3	-	-	-	18	-	5	-

Table 5.2. Details of Vocational training programmes for Rural Youth conducted by the KVKs

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries					
					SC		ST		Others	
					M	F	M	F	M	F
Kanker	Production and marketing of mushroom	Enterprise	Income generation	3	1	-	12	-	3	-
Kanker	Production technology of vermicompost	Enterprise	Nutrient management	3	2	-	16	-	7	-
Kanker	Propogation techniques of fruit plants	Mango & Guava	Varietal Improvement	3	1	-	15	-	5	-
Kanker	Preparation of tomato ketchup & tamarind sauce	Enterprise	Value addition	3	-	2	-	13	-	4
Kanker	Seed production techniques	Rice	Seed production	3	2	-	18	-	4	-

Table 5.3. Details of training programme conducted for livelihood security in rural areas by the KVKs

Name of KVK	Training title	Self employed after training			Number of persons employed else where
		Type of units	Number of units	Number of persons employed	
Kanker	Production and marketing of mushroom	Mushroom	2	5	-
Kanker	Production technology of vermicompost	Vermi pits	7	Own use	-
Kanker	Seed production techniques	-	-	Own use	-

Table 5.4. Sponsored Training Programmes

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

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

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Dura-tion (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		
Kanker	Production technology of feild crops	CRP												

Table 5.6 Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
			Before	After	Before	After	Before	After	
Kanker	Production technology of vermicompost	30	Nil	75	Nil	20	Nil	8000	28 farmers adopted the technology
Kanker	Line sowing of paddy through tractor drawn seed cum fertiliser drill	30	Nil	68	28.6	34.5	28600	34500	14 farmers adopted the technology
Kanker	Mushroom production technology	30	Nil	55	Nil	100 kg	Nil	4000	6 farmers dopted the technology
Kanker	Rearing of poultry birds	30	30	70	300	800	600	1600	4 farmers adopted this technology
Kanker	Nursery management techniques	20	10	90	-	-	-	2000	18 farmers adopted the technology
Kanker	Kitchen gardening	20	10	100	5	18	2500	9000	12 farmers adopted the technology

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Kanker	Field Day	10	13	202	47	365	39	8	2	-	-	Maturity
Kanker	Kisan Mela	1	1	437	38	615	110	12	6	-	-	-
Kanker	Kisan Ghosthi	6	7	83	8	212	20	3	-	-	-	-
Kanker	Exhibition	1	12	241	58	410	31	22	-	-	-	-
Kanker	Film Show	8	9	61	12	265	19	15	8	-	-	-
Kanker	Method Demonstrations	2	2	21	-	45	-	2	-	-	-	-
Kanker	Farmers Seminar	3	3	48	2	120	4	1	-	-	-	-
Kanker	Workshop	-	-	-	-	-	-	-	-	-	-	-
Kanker	Group meetings	6	7	54	6	90	5	1	-	-	-	-
Kanker	Lectures delivered as resource persons	20	25	110	20	412	33	17	6	-	-	-
Kanker	Newspaper coverage	30	27	-	-	-	-	-	-	-	-	-
Kanker	Radio talks	-	-	-	-	-	-	-	-	-	-	-
Kanker	TV talks	-	-	-	-	-	-	-	-	-	-	-
Kanker	Popular articles	6	7	-	-	-	-	-	-	-	-	-
Kanker	Extension Literature	10	10	-	-	-	-	-	-	-	-	-
Kanker	Farm advisory Services	-	-	-	-	-	-	-	-	-	-	-
Kanker	Scientific visit to farmers field	120	128	80	4	179	28	5	-	-	-	-
Kanker	Farmers visit to KVK	50	56	50	5	139	-	31	5	-	-	-
Kanker	Diagnostic visits	12	15	35	-	48	10	3	-	-	-	-
Kanker	Exposure visits	5	6	67	-	85	-	-	-	-	-	-
Kanker	Ex-trainees Sammelan	-1	1	8	-	15	-	-	-	-	-	-
Kanker	Soil health Camp	-	-	-	-	-	-	-	-	-	-	-
Kanker	Animal Health Camp	-	-	-	-	-	-	-	-	-	-	-
Kanker	Agri mobile clinic	-	-	-	-	-	-	-	-	-	-	-
Kanker	Soil test campaigns	7	7	81	21	206	17	-	-	-	-	-
Kanker	Farm Science Club conveners meet	-	-	-	-	-	-	-	-	-	-	-
Kanker	Self Help Group conveners meetings	4	4	30	-	58	-	-	-	-	-	-
Kanker	Mahila Mandals conveners meetings	-	-	-	-	-	-	-	-	-	-	-
Kanker	Celebration of important days	2	1	19	2	38	3	-	-	-	-	-

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

7.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Kanker	01.10.08	July to September, 2008	1000	840
Kanker	04.01.09	October to December, 2008	500	303
Kanker	13.04.09	January to March, 2009	500	381
Kanker	08.07.09	April to June, 2009	500	290
Kanker	10.10.09	July to September, 2009	500	357
Kanker	05.01.10	October to December, 2009	500	426
Kanker	31.03.10	January to March, 2010	500	470
Kanker	15.05.10	April, 2010 to June, 2010	500	468
Kanker	28.07.10	July, 2010 to September, 2010	500	412
Kanker	15.10.10	Ocober, 2010 to December, 2010	500	490
Kanker	27.02.11	January, 2011 to March, 2011	500	475

7.2 Literature developed/published

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
KVK Name	Type	Title	Author's name	Number of copies
Kanker	Technical reports	1. KVK Annual Report 2. NAIP-3 Annual Report of Kanker cluster	- -	- -
Kanker	Popular articles	**1.** Dhan utpadan ki navin takneek – SRI	Dr. Birbal Sahu, Dr. R.M. Savu & Dr. G.P. Pali	-
Kanker		**2.** Tikau Kheti ka adhar – Ketchua khad	Dr. Birbal Sahu, Dr. R.M. Savu & Dr. G.P. Pali	-
Kanker		**3.** Kharif faslon mein kharpatwar niyantaran	Dr. Birbal Sahu, Dr. R.M. Savu & Dr. G.P. Pali	-
Kanker		**4.** Anaj bhandaran ki samsyan awam unka nidan	Dr. Birbal Sahu, Dr. R.M. Savu & Dr. G.P. Pali	-
Kanker	Leaflets/folders	1. Sabjiyon ki nursery prabhandhan takneek	P.S. Markam, Dr. B. Sahu, Dr. R.M. Savu and Dr. G.P. Pali	200
Kanker		2. Tikau kheti ka aadhar – ketchua khad	Dr. B. Sahu, Dr. R.M. Savu and Dr. G.P. Pali	200
Kanker		3. Anaj bhandaran ki samasyaein avum uska nidan	Dr. B. Sahu, Dr.Rama Mohan Savu and Dr. G.P. Pali	200
Kanker		4. Sankar dhan utpadan taknik	Dr. B. Sahu, Dr. Rama Mohan Savu and Dr. G.P. Pali	200
Kanker		5. Dhan beej utpadan taknik	Dr. B. Sahu, Dr Rama Mohan Savu and Dr. G.P. Pali	200
Kanker		6. Dhan ki utpadan taknik	Dr. B. Sahu, Dr. Rama Mohan Savu and Dr. G.P. Pali	200
Kanker		7. Chana ki utpadan taknik	Dr. B. Sahu, Dr. R.M. Savu, P.S. Markam and Dr. G.P. Pali	200
Kanker		8. Sabjiyon ke liye nursery tayar karne ki vidhi awam uska prabhandhan	P.S. Markam, Dr. B. Sahu, Dr. R.M. Savu and Dr. G.P. Pali	200
Kanker		9. Baingan ki utpadan taknik	P.S. Markam, Dr. B. Sahu, Dr. R.M. Savu and Dr. G.P. Pali	200
Kanker		10. Bhindi ki utpadan taknik	P.S. Markam, Dr. B. Sahu, Dr. R.M. Savu and Dr. G.P. Pali	200
Kanker		11. Shankar tamatar ugayen adhik laabh kamayen	P.S. Markam, Dr. B. Sahu, Dr. R.M. Savu and Dr. G.P. Pali	200

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Kanker	CD	Vegetable cultivation	40

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Major group/class	Crop	Variety	Type of produce (for Seed produced type hear SD; For Planting Material type here PM)	Quantity	Unit for quantity of produces (qtl for SD and Nos for PM)	Value (Rs.)	Provided to No. of Farmers
Kanker	Cereals	Paddy	Mahamaya	SD	67	qtl	93800	-
Kanker		Paddy	Swarna	SD	52	qtl	72800	-
Kanker		Paddy	Danteshwari	SD	48	qtl	67200	-
Kanker		Paddy	Swarna	SD	85	qtl	119000	-
Kanker		Paddy	MTU-1010	SD	108	qtl	151200	8
Kanker	Pulses	Pigeonpea	Asha	SD	2.0	qtl	9000	-
Kanker		Blackgram	KU 96-3	SD	0.5	qtl	3000	-
Kanker		Chickpea	Vaibhav	SD	3.0	qtl	7500	-
Kanker		Feildpea	Shubra	SD	1.5	qtl	6750	-
Kanker		Lathyrus	Mahativra	SD	0.4	qtl	1200	-
Kanker	Oilseed	Linseed	R-552	SD	0.9	qtl	2700	-
Kanker		Linseed	RLC-92	SD	1.3	qtl	3900	-
Kanker		Mustard	Pusa Jai Kisan	SD	0.8	qtl	2400	-
Kanker	Tuber	Sweet Potato	Indira Madhur	PM	55000	Nos	27500	22

8.2 Planting Material production

KVK Name	Major group/class	Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
						Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Kanker	Tuber	Sweet Potato	28.07.10	15.10.10	0.2	Indira Madhur	Cuttings	55000	3500	27500	
Kanker	Flower	Marigold	07.08.10	24.08.10	0.1	African Gold	Seedling	10000	1200	2500	
Kanker	Vegetable	Brinjal	15.07.10	13.08.10	0.02	Swarna Pratibha	Seedling	5000	200	1250	
Kanker	Vegetable	Brinjal	15.07.10	13.08.10	0.02	Swarna Shyamili	Seedling	5000	200	1250	
Kanker	Vegetable	Onion	15.12.10	28.01.11	0.02	N-53	Seedling	8000	200	2000	

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

KVK Name	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	
	BIOAGENTS				
	BIOFERTILIZERS				
	BIO PESTICIDES				

8.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
	Cattle	-	-	-	-	-	-
	Buffalo	-	-	-	-	-	-
	Sheep and Goat	-	-	-	-	-	-
	Poultry	-	-	-	-	-	-
	Fisheries	Rohu, Katla & Mrigal	Fish	35 kg	570	2100	-
	Others (Specify)	-	-	-	-	-	-

9. Activities of Soil and Water Testing Laboratory

Status of establishment of Lab : YES/NO, If yes, then

Year of establishment : -

9.1 Details of soil & water samples analyzed so far :

KVK Name	Details	No. of Samples	No. of Farmers	No. of Villages	Amount realized
	-	-	-	-	-
	-	-	-	-	-

10. Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

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

11. Utilization of Farmers Hostel facilities

Accommodation available (No. of beds) :

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

12. Utilization of Staff Quarters facilities

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

13. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Kanker	30.04.10	19	▪ Deputy Directore Agriculture, Shri Kapil Dev Deepak suggested for conducting FLDs on different newly released varieties of rice according to farming situations in place of demonstration of single variety in one year. He alo suggested for demonstarion of new agriculture implements in farmer's field. ▪ Assistant Director Agriculture, Shri K.K. Mishra suggested to conduct demonstration on elephant foot & sweet potato along with other vegetable crops. ▪ In-Charge, Processing Centre, Shri A.K. Yadav suggested seed production of newly released rice varieties. He has appreciated the seed production programme taken at Instructional Farm of KVK, Kanker during 2009-10. ▪ Women farmer of village Kanhanpuri Smt. Nasiba Netam asked for organising separate training for farm women related to agriculture based on employment generation activities. ▪ Farmer of village Dhanelikanhar, Shri Rajendra Potai suggested to organize exposure visit of farmers to other districts/state for watching new technologies. ▪ Mechanical assistant, Ku. Kalpana Markam asked for joint effort towards mechanization in Kanker district. ▪ Representative of DES, Dr. M.A. Khan suggested KVK Scientists for incorporating suggestions given by district officer in programmes of coming season. He appealed to district officers of agriculture and allied departments to cooperate with Programme Coordinator of KVK, Kanker

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

KVK Name	No. of messages sent	No. of beneficiary		Major recommendations
Kanker	Yet to be started	Farmers	Ext. Pers.	

15. Status of Convergence with various agricultural schemes (Central & State sponsored)

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs. in lakh)	Activities organized	Operational Area	Remarks
Kanker	ATMA					
Kanker	MNREGA					
Kanker	NHM					
Kanker	RKVY	State	2.30	Demonstartion	Kanker	
Kanker	DRDA					
Kanker	Zila Panchyat	Central	14.43	Mushroom Spawn and BGA Production Unit	KVK, Kanker	
Kanker	Seed village					
Kanker	NAIP-2&3	ICAR-IGKV	29.05	FLD, training, soil water conservation	Kanhanpuri, Largaon, Markatola	
Kanker	Climate Change					
Kanker	CURE	IRRI-IGKV	0.25	Demonstartion	Dhanelikanhar	

16. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Kanker	30416525774	2,32,000	1,19,899	2,56,000

17. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Kanker	Dr. Rama Mohan Savu, Farm Manager Best Worker in the feild of agriculture for 2009-10	Individual	District Collector, Kanker	Certificate

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

A farmer of village Largaon, block Narharpur, Shri Ganga Ram Sinha S/o Shri Dhanwar Sinha holding a land of 3 acre has been benefited from the KVK through vegetable cultivation. After the intervention of KVK and from last 1.5 years, he started growing vegetables namely brinjal, chilli, ginger and cowpea on 0.5 acre land. Cultivation of vegetables has fetched him a net profit of Rs. 30,000=00 whereas, previously he was earning only Rs. 5,000=00 by growing maize.

Smt. Sumitra Markole, MLA, Kanker Vidhansabha visited the badi of Shri Ganga Ram on 29-10-09.

A farmer of village Bewarti, block Kanker, Shri Ambika Prasad Sharma holding a land of 5 acre has been benefited from the advice of KVK. In recent past, Sharma Ji used to grow utera crop of linseed and lathyrus after rice. After the intervention of KVK, he spent Rs. 1,40,000 and dug a tubewell and fitted drip irrigation system in his farm. Then, he used to grow vegetables with the help of drip irrigation. He also replaced paddy with vegetables in 3 acres of land. He earned Rs. 1,50,000 from Brinjal, Rs. 60,000 from Cucumber, Rs. 10,000 from Chilli, Rs. 80,000 from Bottlegaurd and Rs. 30,000 from Bittergaurd. Cultivation of vegetables has fetched him a net profit of Rs. 1,81,000=00 whereas, previously he was earning only Rs. 30,000=00 by growing paddy.

19. Details of KVK Agro-technological Park

Name of KVK	Name of Component of Park	Detail Information (If established)
	Crop Cafeteria	Rice, Linseed, Chickpea, Feildpea & Wheat
	Technology Desk	
	Visitors Gallery	
	Technology Exhibition	
	Technology Gate-Valve	

20. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Kanker	Dr. M.P. Pandey, Hon'Vice-Chancellor, IGKV	14.10.10	Farm development is to be given top priority. It should include road development and plotting of equal size and good levelling. General cleaning is to be done. Experiments are clean. Scientists are sincere and some progress is visible.
Kanker	Dr. S.K. Patil, DRS, IGKV	14.10.10	Crop demonstration and farming system model developed in the clster Markatola of NAIP-3 is excellent.
Kanker	Dr. S. Bhartidasan, CEO, Zila Panchayat, Kanker	11.12.10	Top priority should be given on crop cafetaria on vegetables.
Kanker	Dr. S.S. Rao, Dean, SGCARS, Jagdalpur	19.02.10	Seed production of mustard, wheat, feildpea is excellent. Also crop cafetaria of linseed, feildpea, chickpea and wheat is very good.
Kanker	Dr. J.S. Urkurkar, DES, IGKV, Raipur	22.02.11	The team of KVK comprising of Programme Coordinator and all technical staff have done an excellent work in adopted villages Kanhanpuri and Largaon. They have changed the mono cropping of Rice-Fallow into Rice-Maize and Rice-Vegetables. Staff has also demonstrated the farming system model like horticulture, fisheries, poultry and pigery and increased the farmers income to 20 folds from the existing 5. Farm development needs to be given top priority with funding from ICAr and different agencies.
Kanker	Dr. A.P. Agrawal, Sr. Scientist, AICRP-Wheat, TCBCARS, Bilaspur, IGKV	10.03.11	KVK Kanker can be developed as model KVK of state. The internal planning is excellent and conduct of FLD on wheat is also good and contact with farmers is upto the mark.
Kanker	Dr. Geet Sharma, Scientist, TCBCARS, Bilaspur, IGKV	10.03.11	KVK Kanker has done amazing work with limited resource. It can be model for other KVKs.

21. Status of KVK Website: Not Available

22. E-CONNECTIVITY

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

23. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Kanker	Gosthies	1	49	Crop
Kanker	Lectures organized	1	35	Crop
Kanker	Exhibition	-	-	-
Kanker	Film show	2	91	Crop and livestock
Kanker	Fair	-	-	-
Kanker	Farm Visit	2	105	Crop
Kanker	Diagnostic Practical's	1	10	Crop
Kanker	Distribution of Literature (No.)	-	-	-
Kanker	Distribution of Seed (q)	-	-	-
Kanker	Distribution of Planting materials (No.)	-	-	-
Kanker	Bio Product distribution (Kg)	-	-	-
Kanker	Bio Fertilizers (q)	-	-	-
Kanker	Distribution of fingerlings (No)	-	-	-
Kanker	Distribution of Livestock specimen (No.)	-	-	-
Kanker	Total number of farmers visited the technology week	-	-	-

24. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

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

Major area coverage under alternate crops/varieties

Mane of KVK	Crops	Area (ha)	Number of beneficiaries
Kanker	Oilseeds		
Kanker	Pulses		
Kanker	Cereals	50	80
Kanker	Vegetable crops	25	60
Kanker	Tuber crops	05	15
Kanker	Fruits		
Kanker	Spices		
Kanker	Cotton		
Kanker	**Total**	**80**	**155**

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components	Number of interactions	No.of participants
Kanker	Dairy Management		
Kanker	Disease management	2	98
Kanker	Feed and fodder technology		
Kanker	Poultry management	1	30

Animal health camps organised

Name of KVK	Number of camps	No.of animals	No.of farmers
Kanker	1	40	38

Seed distribution in drought hit states

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

Seedlings and Saplings distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
	Seedlings			
Kanker	Toamto	5000	0.2	5
Kanker	Brinjal	3000	0.2	7
Kanker	Onion	2000	0.1	5

Bio-control Agents

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

(e) Bio-Fertilizer

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

(f) Verms Produced

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

(g) Large scale adoption of resource conservation technologies

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

(h) Awareness campaign

Name of KVK	Meetings		Gosthies		Field days		Farmers fair		Exhibition		Film show	
	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers	No.	No. of farmers

25. Status of KVK Website: Under construction

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

FARMERS TRAINING

Farm Machinery

Vermicompost production

Wheat production

Rabi crop production

Vegetable production

Poltry rearing

FRONT LINE DEMONSTRATION

Onion

Chickpea

Maize

Chilli

ON FARM TESTING

Brinjal

Marigold

Maize Transplanter

ON FARM TESTING

Ambika Paddy Weeder

Hand Hoe

RURAL YOUTH TRAINING

Seed production and marketing

Ketchup making

FARMER SCIENTIST INTERACTION

FIELD DAY

Maize

Rice

Chickpea