

ANNUAL PROGRESS REPORT

January 2019 to December 2019

Contents

S. No.	Particular	Page No
	Instructions for Filling the Format	
	Summary of KVK Annual Report (Quantifiable Achievement) for the year Jan-2019 to Dec-2019	
1.	General Information	6
2.	On Farm Testing	9-32
3.	Achievements of Frontline Demonstrations	33-42
4.	Feedback System	43
5.	Training programmes	44-63
6.	Extension Activities	64
7.	Literature Developed/Published (with full title, author & reference)	65-66
8.	Production and supply of Technological products	67-71
9.	Activities of Soil and Water Testing Laboratory	72
10.	Rainwater Harvesting	73
11.	Micro Irrigation	73
12.	Utilization of Farmer Hostel facilities	74
13.	Utilization of Staff Quarter facilities	74
14.	Details of SAC Meeting	74
15.	Footfall of farmers in KVKs	75
16.	Status of Kisan Mobile Advisory	75-76
17.	Status of Convergence with agricultural schemes	77
18.	Status of Contingency Utilization	78
19.	Status of Revolving Funds	78
20.	Awards & Recognition	78
21.	Details of Crop Cafeteria	79
22.	Farm Innovators	80
23.	KVK interaction with progressive farmers	80
24.	Outreach of KVK	81
25.	Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize	81
26.	KVK Ring	81
27.	Important visitors to KVK	82
28.	Status of KVK Website	82
29.	Status of Mobile App developed by KVK	82
30.	Status of RTI	82
31.	Status of Citizen Charter	83
32.	Participation HRD activities organized by ATARI	83
33.	Participation HRD activities organized by DES	83
34.	Participation HRD activities by KVK Staff	83
35.	Agri Alert report	84
36.	Details of Technological Week Celebration	84
37.	Interventions on Drought Mitigation	85-86
38.	Sansad Adarsh Gram	87
39.	Case study / Success Story to be developed	88-89
	Action Photographs	

Instructions for Filling the Format

1. Do not change/modify/ delete any column of any of the table. However, additional rows can be created, if required.
2. Do not merge columns, rows.
3. Please repeat the name of KVK in each table in the column “Name of KVK”
4. Do not fill the non-numerical values in numeric field
5. Do not repeat the unit while reporting data as it is already mentioned in the heading row
6. Strictly fill the data in desired unit only. If it is reported in other unit, convert it in the desired unit
7. Please mention only standard English names of crops (Do not mention Urd, Arhar, Til, Kulthi, Moong, Bajra, etc.)
8. Additional relevant information may be provided at the end of Format by creating heading “Additional Information”
9. Also read the instructions mentioned just below the table
10. Your suggestions for improvement in the format for your simplicity as well as data compilation may be given at the end of the format
11. Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.
12. Grey color cells in summary table need not to be filled.
13. Crop name should be spelled correct and standard English name should be used i.e Cereals, Pulses, Oilseed:- Rice (not use Paddy), Wheat, Barley, Kodo, Kutki, Maize, Jwar, Bajra, Pigeon pea (not use Tur, Arhar, Red gram), Blackgram (not use Urd), Greengram (not use Moong/Moongbean), Chickpea (not use Gram, Chana), Field pea, Horse gram (Kulthi), Lentil, Mustard (not use Rai, Sarsoan), Soybean, Linseed, Groundnut, Sesame (not use Til), Niger (not use Ram Til), Safflower (not use Kusum).
Vegetable:- Vegetable pea, Bottle guard, Bitter guard, Okra (not use Bhindi or Lady finger).
Fruits:- Mango, Guava, Custard apple, Pear etc.
Spices:- Black Peeper, Turmeric, Ginger, Cardamom etc.

REPORTING PERIOD – January 2019 to December 2019
Summary of KVK Annual Report (Quantifiable Achievement) for the year 2019

S.N.	Quantifiable Achievement	Number	Beneficiaries (nos.)	
1	On Farm Testing			
	Proposed OFT	12	60	
	On Going OFT	3	15	
	Technologies assessed (Completed OFT)	9	45	
	Technologies refined	-	-	
	On farm trials conducted	12	60	
2	Frontline demonstrations			
	Proposed Frontline demonstrations	14	105	
	On Going Frontline demonstrations	1	5	
	FLDs conducted on crops	7	60	
	Area under crops (ha.)	7	19	
	FLD on farm implement and tools	3	15	
	FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.)	2	10	
	FLD on Fisheries - Finger lings	-	-	
	FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.)	-	-	
	FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.)	-	-	
3	Training programmes	No. of Course	Duration (days)	Participants
	Farmers	128	1	5050
	Farm women	3	1	93
	Rural youth	12	1	372
	Extension personnel/ In service	6	1, 2	174
	Vocational trainings	4	6, 32, 26	75
	Sponsored Training	4	1	127
	Total	157	1, 6, 32, 26	5891
		No. of programmes	Participants	
4	Extension Programmes	481	23261	
5	Production of technology inputs etc	Qty	Beneficiaries (nos.)	
	Seed (qt.)	234.91	701	
	Planting material produced (nos.)	57930	895	
6	Livestock	Qty	Beneficiaries (nos.)	
	Livestock strains (Nos)	11		
	Milk Yield - Cow, Buffelo etc. (in liter)	5270	22	
	Fish (Kg.)	1		
	Fingerlings (nos.)			
	Poultry-Eggs (nos.)			
	Ducks (nos.)	45	8	
	Chicks etc. (nos.)	53559	87	
7	Bio Products	Qty	Beneficiaries (nos.)	
	Bio Agents -Earth worm (Kg.)	10	20	

	Trichoderma (kg.)	6000	826
	Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.)	2800	
	Bio Pesticide-Panchgavya, Neem Extract , Neem oil etc.(lit.)		
8	Any other significant achievement in the Zone	Nos.	Participants/ beneficiaries
	Award (Best KVK award and scientist and farmer's award)	2	2
	Publications (Res. Paper/ pop. Art./Bulletin,etc.)	2	2
	KVK News letter	4	2000
	SAC Meetings conducted	1	33
	Soil sample tested	276	276
	Water sample tested	0	
	RWH System (Special training and field visit on RWH structure and MIS in KVKs)	0	0
	KVK-KMA (Message and beneficiaries)	34	25229
	Convergence programmes	13	250
	Sponsored programmes	0	0
	KVK Progressive Farmers interaction	4	105
	No. of Technology Week Celebrations	13	709
	Attended HRD activities organized by ZPD	0	0
	Attended HRD activities organized by DES	1	1
	Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.)	1	1
9	Current status of Revolving Funds (Amt. in Rs.)		
10		No. of blocks	No. of villages
	Outreach of KVK in the District	7	1065
11		ICAR	SAU Others
	No. of important visitors to KVK (nos.)	3	4 3
12		Working (Yes/No)	No. of Update
	Status of KVK Website	Yes	45
13		Application received	Application disposed
	Status of RTI (nos.)	2	2
14		Query received	Query dissolved
	Citizen Charter (nos.)	0	0
15		Filled	Vacant
	Staff Position	17	4
16	Workshop/ Seminar/ Conference attended by staff of KVK (nos)	2	
17	Publication received from ICAR /other organization (nos.)	0	
18		Particulars	Organization
	Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)	2	ZPD, SAU, Agri Deptt.
19	Activities performed in Sansad Adarsh Gram	Nos. of Activities	Participants/ beneficiaries
		-	-
20	Current status of Contingency (Amt. in Rs.)		

1. GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on December, 2019

Name of KVK	Sanctioned Posts	PC (1)		SMS (6)		PA (3)		Admn. (6)		Total	
		Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled	Sanc.	Filled
Kanker	16+1	1	1	6+1	6+1	3	3	6	2	16+1	12+1

Name of KVK	Sanction post	Name of the incumbent	Discipline	Highest degree	Subject of specialization	Pay scale	Present pay	Date of joining	Category
Kanker	Senior Scientist and head	Dr. Birbal Sahu	Agronomy	Ph.D.	Agronomy	37400-67000 + 9000	50720	05.12.2007	OBC
Kanker	Subject Matter Specialist1	Shri Suresh Markam	Horticulture	M.Sc.	Horticulture	15600-39100 + 5400	23640	29.10.2014	ST
Kanker	Subject Matter Specialist2	Er. Narendra Haridas Tayade	FMPE	Ph.D	FMPE	15600-39100 + 5400	25080	01.01.2019	Gen
Kanker	Subject Matter Specialist3	Dr. D. Suryam Dora	LPM	MVSc	LPM	15600-39100 + 5400	21000	06.10.2018	OBC
Kanker	Subject Matter Specialist4	Dr. Chandu Lal Thakur	Agronomy	Ph.D	Agronomy	15600-39100 + 5400	21000	11.10.2018	ST
Kanker	Subject Matter Specialist5	Dr. Komal Singh Keram	Soil Science	Ph.D	Soil Science	15600-39100 + 5400	21000	23.10.2018	ST
Kanker	Subject Matter Specialist6	Shri Upendra Kumar Nag	Plant Pathology	M.Sc.	Plant Pathology	15600-39100 + 5400	21000	11/01/2018	ST
Kanker	Subject Matter Specialist7	Shri Hemant Kumar Bhuarya	Agro Meteorology	M.Sc.	Agro Meteorology	15600-39100 + 5400	21000	11/09/2019	ST
Kanker	Programme Assistant	Shri Dinesh sinha	Entomology	M.Sc.	Entomology	9300-34800/-	15210	29.10.2014	OBC
Kanker	Farm Manager	Shri Pradeep Kumar Dewangan	Agronomy	M.Sc.	Agronomy	9300-34800/-	13910	31.10.2019	OBC
Kanker	Computer Programmer	Shri Gyaneshwar Sahu	Computer	MCA	Computer	9300-34800/-	16140	03.10.2012	OBC
Kanker	Accountant / superintendent	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant
Kanker	Stenographer	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant
Kanker	Driver	Kamleshwar Sahu	12th	-	-	5200-20200/	8810	01.08.2018	OBC
Kanker	Driver	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant
Kanker	Supporting staff	Shri Harishankar Yadav	8 th	-	-	4750-7440/-	7710	28.06.2010	OBC
Kanker	Supporting staff	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant	Vacant

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

KVK Name	Agro-climatic zone	No . of Blocks	No. of Panchayats	Population	Literacy	SC and ST Population	No. of farmers	Average land holding
Kanker	Chhattisgarh plain & Bastar plateau	7	389	748941	68%	509280	110764	0.86 ha

1.3. DETAILS OF ADOPTED VILLAGE during the reporting period

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Kanker	Mohpur	2017	Kanker	16 km	1103	260
Kanker	Kapsi	2018	Kanker	25 km	1140	151

1.4. THRUST AREAS identified by KVK

KVK Name	THRUST AREA
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.
Kanker	Nutrient management in major crops for obtaining potential yield and maintaining soil fertility.
Kanker	Diversification of existing farming systems through introduction of vegetables and fruit crops.
Kanker	Insect pest and disease management in major crops.
Kanker	Empowerment of women and generation of self-employment for rural youths.
Kanker	Recycling of farm and animal wastes through vermi-composting.
Kanker	Mechanization through introduction of improved implements.
Kanker	Management and up gradation of indigenous cattle breeds through AI services.
Kanker	Enhancement of profit with focus on value addition.

1.5. PROBLEM IDENTIFIED by KVK

KVK Name	Problem identified		Methods of problem identification	Location name of village & Block
Kanker	Paddy	Imbalance use of fertilizers	PRA, Group Meeting & Individual Contact	Kulgaon, Aturgaon, Andi, Babudabena village of Kanker Block Kotela, Aroud, Tarasgaon, Piproud village of Charama Block
		Infestation of weeds	--do--	--do--
		Low yield of upland rice	--do--	--do--
		Incidence of stem borer & blast in paddy	--do--	--do--
Kanker	Seasame	Use of local verity seed	--do--	--do--
		Imbalance use of fertilizer	--do--	--do--
		Broad casting method of sowing	--do--	--do--
Kanker	Blackgram	Imbalance use of fertilizers	--do--	--do--
		Use of poor quality seed	--do--	--do--
		Infestation of yellow mosaic	--do--	--do--
Kanker	Maize	Low yield due to maize – maize cropping sequence	--do--	--do--
Kanker	Chickpea	Imbalance use of fertilizers	--do--	--do--
		Infestation of pod borer & wilt disease	--do--	--do--
Kanker	Linseed	Broad casting method of sowing (utera)	--do--	--do--
		No use of fertilizer in utera crop	--do--	--do--
Kanker	Small millets	Imbalance use of fertilizers	--do--	--do--
		Broad casting method of sowing	--do--	--do--
		No use of improved variety	--do--	--do--
Kanker	Horticultural crops	Non availability of Improved Variety	--do--	--do--
		Lack of storage facilities	--do--	--do--
		Lack of irrigation facilities	--do--	--do--
Kanker	Live stock	Low milk yield in cow due to Imbalance feeding	--do--	--do--
		Non-availability of quality roughage during summer	--do--	--do--
		Temporary infertility, low conception rate, failure of oestrus, high cost of treatment	--do--	--do--
		Lack of awareness regarding disease, ecto & endo parasites management in Livestock	--do--	--do--
Kanker	Soil	Undulated topography of land, which leads to soil erosion.	--do--	--do--
		Decreasing soil health due to low organic carbon content	--do--	--do--
Kanker	Mechanization	unavailability of improved implements Implements	--do--	--do--
		labour scarcity	--do--	--do--
		Economic problems	--do--	--do--
		Lack of awareness about improved machine	--do--	--do--

2. On Farm Testing (OFT)

Note-

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

Thematic Areas for OFT/FLD

Thematic Areas for OFT/FLD	Parameters Name and unit
OFT/FLD on Crops	
Agro Forestry	Yield q/ha
Crop Diversification	insect population/plant
Integrated Crop Management	No of pods/plant, No of Siliquae/plant, No. of Grain / pod
Integrated Farming system	Rhizome wt/Plant(g)
Integrated Disease Management	Disease incidence (%)
Integrated Nutrient Management	No of effective tillers/hill
Integrated Weed Management	No of weeds/m ²
Varietal Evaluation	Plant Height(cm), No of pods/plant, No of Siliquae/plant, No. of Grain / pod, Fruit wt(g)
Integrated Pest Management	Insect Infestation (%), No. of Larvae or insect / meter row length
Integrated Plant Nutrient Management	No of pods/plant, No of Siliquae/plant, No. of Grain / pod Fruit Length(cm) , Fruit wt(g), No of nodules/plant
Feed and Fodder Production	Fruit Length(cm) ,
Resource conservation Technology	Plant Height(cm),
Soil Fertility Management	No of Cobs/plant
	No of Larvae/m ²
	No of Panicles/m ²
	No of Tillers/hills
	No of Bulb weight(g)
	No of Grains/panical
	No. of tubers/plant
	Weight of Curd/head (g/plant)
	No. of Siliquae or Capsule /plant
	Seedling Germination (%)
OFT/FLD on Agriculture Engineering	

Farm Mechanization	Yield (q/ha)
Resource Conservation Technology	Field Capacity (ha/hr)
Post-Harvest Management	Cleaning efficiency %
Storage loss minimization Technology	Cleaning Capacity q/hr
Small Farm Implements	weed population per m2
	tillers/plant
	water inefficiency
	irrigation efficiency
OFT/FLD on Animal Science	
Animal Feed / Fodder Management	Milk yield (Lit/day/animal)
Animal Disease Management	Change in body weight(kg)
Animal Nutrition Management	Egg Production/bird/year
Livestock production & management	% decrease in Worm
Animal breed evaluation	Parasite control (%)
Poultry Production and management	Body weight at 6 month (kg/goat)
	Parasite infestation (%)
	Live weight (kg/bird) at 3 Month
	Growth Rate (90 days)
	Yield q/ha (Fodder)
	Mortality %
	Feed intake(%)
	Disease infestation(%)
OFT/FLD on Fisheries	
Fingerling Production in Seasonal Ponds	Yield (q/ha)
Composite Fish Farming	Yield (q/ha), ABW (kg)
Fish Nutrition	Survival Rate (%)
Fish-cum-Duck Farming	Disease incidence (%)
Fish Production & Management	
Fish Breeding	
Fish Seed Production	
Spawn to fry production	
Integrated Farming System	

2.1 Information about OFT (1):

Title of on-farm trial:	Assessment of Weed Management in black gram
Year/Season:	2019-20/ Kharif
Farming situation:	Rainfed
Problem diagnosis:	Low yield of black gram due to heavy infestation of weeds
Thematic area:	Weed management
No of trials:	05
No. of farmers involved	05
Type of OFT (Assessment/ Refinement):	Refinement
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Weeding is not common, some farmers doing hand weeding
T2 –Recommended Practice-	Application of Pre emergence herbicide Pendimathalin @750-1000 ml a.i. per ha
T3- Recommended Practice-	Post emergence herbicide imazethapyre @ 60 g a.i./ha at 18-25 DAS
Date of sowing:	18-08-2019
Date of harvesting:	
Source of technology:	IGKV Raipur-2016
Characteristics of technology:	Chemical Weed Management
Name of Crop/Enterprises:	Blackgram
Recommendations for Farmers	Post emergence application of herbicide imazethapyre @ 60 g a.i./ha at 18-25 DAS found effective control of weeds
Recommendations for Deptt. Personnel	Post emergence application of herbicide imazethapyre @ 60 g a.i./ha at 18-25 DAS found effective control of weeds
Feedback	Farmers agree with the result

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
(T1) Weeding is not common, some farmers doing hand weeding	Weed biomass (sqm) Yield(q/ha)	16 4.61 q	15200	26277	11077	1.73
(T2) Application of Pre emergence herbicide Pendimathalin @750-1000 ml a.i. per ha	Weed biomass (sqm) Yield(q/ha)	5 6.82 q	18000	38874	20874	2.16
(T3) Post emergence herbicide imazethapyre @ 60 g a.i./ha at 18-25 DAS	Weed biomass (sqm) Yield(q/ha)	5 7.12q	18300	40584	22284	2.22

Information about OFT (2):

Title of on-farm trial:	Assessment of Weed Management in Horse gram
Year/Season:	2019-20/ Kharif
Farming situation:	Rainfed
Problem diagnosis:	Low yield of black gram due to heavy infestation of weeds
Thematic area:	Weed management
No of trials:	05
No. of farmers involved	05
Type of OFT (Assessment/ Refinement):	Refinement
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Weeding is not common, some farmers doing hand weeding
T2 –Recommended Practice-	Application of post emergence herbicide Quizolfop ethyle @20 ml a.i. per ha at 20 DAS
T3- Recommended Practice-	
Date of sowing:	22-08-2019
Date of harvesting:	
Source of technology:	IGKV Raipur
Characteristics of technology:	Chemical Weed Management
Name of Crop/Enterprises:	Horse gram
Recommendations for Farmers	Post emergence application of herbicide Quizolfop ethyle @20 ml a.i. per ha at 20 DAS found effective control of weeds
Recommendations for Deptt. Personnel	Post emergence application of herbicide Quizolfop ethyle @20 ml a.i. per ha at 20 DAS found effective control of weeds
Feedback	Farmers agree with the result

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Weed biomass (sqm) Yield(q/ha)	14 4.52q	15500	24860	9360	1.60
T2(Recommended Practice)	Weed biomass (sqm) Yield(q/ha)	6 6.93q	18300	38115	19815	2.08
T3(Recommended Practice)	Weed biomass (sqm) Yield(q/ha)	5 7.11q	18500	39105	20605	2.11

Information about OFT (3):

Title of on-farm trial:	Assessment of improved variety of Upland rice RRF 105
Year/Season:	2019-20/ Kharif
Farming situation:	Rainfed
Problem diagnosis:	
Thematic area:	Income generation
No of trials:	05
No. of farmers involved	05
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	MTU 1010
T2 –Recommended Practice-	RRF 105
T3- Recommended Practice-	
Date of sowing:	05/07/2019
Date of harvesting:	12/10/2019
Source of technology:	IGKV, Raipur
Characteristics of technology:	Mature in 105-110 days, suitable for upland/midland situation and low susceptible to blast disease
Name of Crop/Enterprises:	Rainfed rice
Recommendations for Farmers	Higher yield was recorded with variety RRF 105 hence recommended for upland and midland situation
Recommendations for Deptt. Personnel	Higher yield was recorded with variety RRF 105 hence recommended for upland and midland situation
Feedback	Farmer agree with the result

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
(T1) MTU 1010	Yield q/ha	32.50	25500.00	58825.00	33325.00	2.31
(T2) RRF 105	Yield q/ha	35.00	26300.00	63350.00	37050.00	2.41

2.1 Information about OFT:

Title of on-farm trial:	Assessment of inclined plate planter for sowing of black gram
Year/Season:	2019/Kharif
Farming situation:	Rain fed
Problem diagnosis:	Low yield due to broadcasting method of sowing
Thematic area:	Farm mechanization
No of trials:	5
No. of farmers involved	4
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Broadcasting method of sowing
T2 –Recommended Practice-	Line sowing by Inclined plate planter
T3- Recommended Practice-	-
Date of sowing:	27 -29 July 2019
Date of harvesting:	30-31 Oct 2019
Source of technology:	IGKV, Raipur-2017
Characteristics of technology:	Tractor drawn Inclined plate planter
Name of Crop/Enterprises:	Blackgram
Recommendations for Farmers	Use of TD Inclined plate planter machine for line sowing of black gram is effective for timely sown in a large area and reduce seed rate per ha as compare to broadcasting method .
Recommendations for Deptt. Personnel	Sowing with inclined plate planter using 25 kg/ha seed rate.
Feedback	Farmers are ready to use TD Inclined plate planter as it reduces the seed rate & cost of cultivation

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T1 (Farmers Practice)	Field capacity (ha/hr.)	0.30	16930	31040	14110	1.83
T2(Recommended Practice)	Field capacity (ha/hr.)	0.40	15924	36960	21036	2.32

2.1 Information about OFT:

Title of on-farm trial:	Assessment of integrated disease management in goat
Year/Season:	2019-20
Farming situation:	-
Problem diagnosis:	Mortality of goat due to infectious diseases, slow growth rate of animals.
Thematic area:	Disease management
No of trials:	5
No. of farmers involved	5 (10 goat per farmer)
Type of OFT (Assessment/ Refinement):	Refinement
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	No vaccination & deworming management
T2 –Recommended Practice-	Albedanzole@ 10mg/kg body wt. once before vaccination
T3- Recommended Practice-	Vaccination against Goat pox & PPR
Date of sowing:	-
Date of harvesting:	-
Source of technology:	MAFSU, Nagpur
Characteristics of technology:	
Name of Crop/Enterprises:	Goat
Recommendations for Farmers	Practice with Vaccination against Goat pox & PPR and Albedanzole@ 10mg/kg body wt. once before vaccination has reduce the morality of goat and improve body weight.
Recommendations for Deptt. Personnel	Practice with Vaccination against Goat pox & PPR and Albedanzole@ 10mg/kg body wt. once before vaccination has reduce the morality of goat and improve body weight.
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
(T1)No vaccination & deworming management	Mortality % Body weight at 6 month (kg/goat)	20% 7.35 kg	5000	17640	12640	3.53
(T2)Albedanzole@ 10mg/kg body wt. once before vaccination	Mortality % Body weight at 6 month (kg/goat)	10% 8.61 kg	5400	23247	17847	4.31
(T3)Vaccination against Goat pox & PPR	Mortality % Body weight at 6 month (kg/goat)	0% 8.8 kg	5600	26400	20800	4.71

2.1 Information about OFT:

Title of on-farm trial:	Comparative study on growth performance of Kadaknath birds in different system of housing
Year/Season:	2019-20
Farming situation:	-
Problem diagnosis:	Slow growth rate of Kadaknath breed of poultry in free-range system
Thematic area:	Poultry Production and management
No of trials:	5
No. of farmers involved	5 (20 birds per farmer)
Type of OFT (Assessment/ Refinement):	Refinement
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Birds rearing in free range system
T2 –Recommended Practice-	Semi- intensive system
T3- Recommended Practice-	Intensive system
Date of sowing:	
Date of harvesting:	
Source of technology:	CARI-1998
Characteristics of technology:	
Name of Crop/Enterprises:	Poultry
Recommendations for Farmers	Practice of intensive system for rearing of kadaknath birds improve the body weight and reduce the mortality as compare to semi intensive and free range system of rearing of kadaknath poultry birds
Recommendations for Deptt. Personnel	Practice of intensive system for rearing of kadaknath birds improve the body weight and reduce the mortality as compare to semi intensive and free range system of rearing of kadaknath poultry birds
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
(T1) Birds rearing in free range system	Mortality % Live weight (kg/bird) at 3 Month	20% 0.731 kg	1800	5848	4048	3.25
(T2) Semi- intensive system	Mortality % Live weight (kg/bird) at 3 Month	10% 0.93 kg	2350	8370	6020	3.56
(T3) Intensive system	Mortality % Live weight (kg/bird) at 3 Month	5% 1.01 kg	2529	9595	7066	3.79

2.1 Information about OFT:

Title of on-farm trial:	Assessment of Organic management technique for control of Shoot and Fruit Borer of Brinjal
Year/Season:	Rabi 2019-20
Farming situation:	Irrigated
Problem diagnosis:	Heavy incidence of Shoot and Fruit Borer of Brinjal and the farmers of Kanker district wants to Organic Control of Shoot and Fruit Borer of Brinjal
Thematic area:	Pest management
No of trials:	5
No. of farmers involved	5
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	No use IPM techniques
T2 –Recommended Practice-	<ol style="list-style-type: none"> 1. Selection of oblong /small fruited variety (Arka Shirish) 2. Pheromone trap at 10m distance from 20 DAT 3. Clipping of infested shoot with larvae inside at weekly interval from 15 DAT until the shoot infestation is lost. 4. Intercropping of Brinjal (2 rows) with Coriander (one row) <p>In case of severe infestation need based foliar spray of Neem Seed Kernal Extract (4%)</p>
Date of sowing:	05-10-2020
Date of harvesting:	28-02-2020
Source of technology:	IIHR Bangluru
Characteristics of technology:	Disease resistant variety
Name of Crop/Enterprises:	Brinjal
Recommendations for Farmers	Use of recommended variety Arka Shirish and Pheromone trap, Clipping of infested shoot at weekly interval and intercropping with coriander Provide effective control for fruit and shoot borer
Recommendations for Deptt. Personnel	Use of recommended variety Arka Shirish and Pheromone trap, Clipping of infested shoot at weekly interval and intercropping with coriander Provide effective control for fruit and shoot borer
Feedback	problem in availability of recommended variety seed and demanded for timely availability

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
(T1) No use IPM techniques	Yield q/ha	302	103000	302000	199000	2.93
(T2) 1. Selection of oblong /small fruited variety (Arka Shirish) 2. Pheromone trap at 10m distance from 20 DAT 3. Clipping of infested shoot with larvae inside at weekly interval from 15 DAT until the shoot infestation is lost. 4. Intercropping of Brinjal (2 rows) with Coriander (one row) 5. In case of severe infestation need based foliar spray of Neem Seed Kernal Extract (4%)	Yield q/ha	374	106000	374000	268000	3.52

2.1 Information about OFT:

Title of on-farm trial:	Assessment of rhizome rots management in ginger under field condition.
Year/Season:	Kharif 2019-20
Farming situation:	Irrigated
Problem diagnosis:	Heavy loss due to rhizome rot
Thematic area:	Integrated disease management
No of trials:	5
No. of farmers involved	5
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Not used of chemical for seed treatment and traditional practices
T2 –Recommended Practice-	Seedling preparation in Plug tray with the mixture of (Cocopeat + Vermicompost 3:1 ratio)+ Seed treatment with pseudomonas and trichoderma viridi @ 5g each per kg of seed
Date of sowing:	02-08 June 2019
Date of harvesting:	16-20 Feb 2020
Source of technology:	CARS, Raigarh
Characteristics of technology:	
Name of Crop/Enterprises:	Ginger
Recommendations for Farmers	Farmers should use bio fungicide for seed treatment and plug tray technique to prevent rhizome rot disease
Recommendations for Deptt. Personnel	Use of bio fungicide for seed treatment and plug tray technique should popularize among farmers for effective control of rhizome rot disease
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
(T1) Not used of chemical for seed treatment and traditional practices	Disease incidence (%) Yield q/ha	18 120q	330000	960000	630000	2.91
(T2) Seedling preparation in Plug tray with the mixture of (Cocopeat + Vermicompost 3:1 ratio)	Disease incidence (%) Yield q/ha	3 150q	339000	1200000	861000	3.54

2.1 Information about OFT:

Title of on-farm trial:	Assessment of panicle mite management in rice
Year/Season:	2019-20
Farming situation:	Irrigated
Problem diagnosis:	Panicle mite identified /appearance
Thematic area:	Plant protection
No of trials:	5
No. of farmers involved	5
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Not identified /indiscriminate insecticides application
T2 –Recommended Practice-	Application of Fenpyroxymate 5EC @ 300 ml/ha + Propiconazole 25EC @ 300 ml/ha or Diafenturon 50WP @ 300 ml/ha + Propiconazole 25EC@ @ 300 ml/ha. (Two application at Panicle initiation and panicle emergence stage)
T3- Recommended Practice-	
Date of sowing:	28 June to 07 July 2019
Date of harvesting:	05-12 Nov. 2019
Source of technology:	Regional Agri. Research station A.P. 2013
Characteristics of technology:	
Name of Crop/Enterprises:	Rice
Recommendations for Farmers	Integrated management found effective control of of mite hence Application of Fenpyroxymate 5EC @ 300 ml/ha + Propiconazole 25EC @ 300 ml/ha or Diafenturon 50WP @ 300 ml/ha + Propiconazole 25EC@ @ 300 ml/ha. (Two application at Panicle initiation and panicle emergence stage) is recommended
Recommendations for Deptt. Personnel	Integrated management found effective control of of mite hence Application of Fenpyroxymate 5EC @ 300 ml/ha + Propiconazole 25EC @ 300 ml/ha or Diafenturon 50WP @ 300 ml/ha + Propiconazole 25EC@ @ 300 ml/ha. (Two application at Panicle initiation and panicle emergence stage) is recommended
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
(T1) Not identified /indiscriminate insecticides application	Disease incidence (%) Yield q/ha	26 37 q	26500	66970	40470	2.53
(T2) Application of Fenpyroximate 5EC @ 300 ml/ha + Propiconazole 25EC @ 300 ml/ha or Diafenthuron 50WP @ 300 ml/ha + Propiconazole 25EC@ @ 300 ml/ha. (Two application at Panicle initiation and panicle emergence stage)	Disease incidence (%) Yield q/ha	7 44q	30000	79640	49640	2.65

2.1 Information about OFT:

Title of on-farm trial:	Assessment of contingent control measures for fall army worm in maize .
Year/Season:	Kharif 2019-20
Farming situation:	Irrigated
Problem diagnosis:	New insect identified / appearance of fall army worm
Thematic area:	Plant protection
No of trials:	5
No. of farmers involved	5
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Not identified/indiscriminate insecticides application
T2 –Recommended Practice-	Use of lighth trap @1/ha (To monitor the adult moth activity in and surrounded maize field. Collection and destruction of egg mass and different stages of larvae
T3 –Recommended Practice-	T2 with Azaderactin 1% @ 1000ml/ha (15 DAS), Alternate application of Emamectin benzoate 5%SG@ 200ml/ha and Chlorantranilprole 18.5%SC@ 150ml/ha (Vegetative and reproductive stages)
Date of sowing:	25-30 Nov 2019
Date of harvesting:	
Source of technology:	TNAU 2018
Characteristics of technology:	
Name of Crop/Enterprises:	Maize
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
(T1)	Yeild q/ha	22.5	30125	39600	9475	1.31
(T2)	Yeild q/ha	43	34160	75680	41520	2.22

2.1 Information about OFT:

Title of on-farm trial:	Crop diversification – summer rice through introduction of system of Ragi intensification
Year/Season:	Rabi 2019-20
Farming situation:	Irrigated
Problem diagnosis:	Summer rice required more water, nutrient , more attention on pest control
Thematic area:	Crop diversification
No of trials:	5
No. of farmers involved	5
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Summe rice
T2 –Recommended Practice-	Line sowing of Ragi
T3 –Recommended Practice-	
Date of sowing:	01-08 Feb 2020
Date of harvesting:	
Source of technology:	IIMR, Hyderabad
Characteristics of technology:	
Name of Crop/Enterprises:	Rice
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
(T1)	Awaited	Awaited	Awaited	Awaited	Awaited	Awaited
(T2)	Awaited	Awaited	Awaited	Awaited	Awaited	Awaited

2.1 Information about OFT:

Title of on-farm trial:	Assessment of watermelon cultivation in upland alongwith polythene mulching
Year/Season:	Rabi 2019-20
Farming situation:	Irrigated
Problem diagnosis:	Low yield from existing crop
Thematic area:	Crop diversification
No of trials:	5
No. of farmers involved	5
Type of OFT (Assessment/ Refinement):	Assessment
Details of technology selected for assessment/ refinement:	
T1 – Farmers Practice-	Vegetable/maize
T2 –Recommended Practice-	Watermelon cultivation in upland situation alongwith drip and polythene mulching
T3 –Recommended Practice-	
Date of sowing:	02-10 Jan 2020
Date of harvesting:	
Source of technology:	IIHR
Characteristics of technology:	
Name of Crop/Enterprises:	Water mellon
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

Result : (Economic Performance of OFT)

Details of technology	Name of Parameter	Unit of Parameter	Average Cost of cultivation (Rs/ha)	Average Gross Return (Rs/ha)	Average Net Return (Rs/ha)	Benefit-Cost Ratio (Gross Return / Gross Cost)
(T1)	Awaited	Awaited	Awaited	Awaited	Awaited	Awaited
(T2)	Awaited	Awaited	Awaited	Awaited	Awaited	Awaited

2.2. Information about Extension OFT:

Title	
Season & Year	
Problem identified	
Thematic Area	
Farming situation	
Name of Technology under study	
Farmers Practice	
No. of replication (Farmers)	

Results / findings

Performance indicators/ parameters	Unit/ details

2.3. Information about Home Science OFT:

Title of on-farm trial:	
Year/Season:	
Problem diagnosis:	
Thematic area:	
No of trials:	
No. of farmers/farm women involved	
Type of OFT (Assessment/ Refinement):	
Details of technology selected for assessment:	
T1 – Farmers Practice-	
T2 –Recommended Practice-	
Source of technology:	
Characteristics of technology:	

Name of Crop/Enterprises:	
Farming situation:	
Date of sowing:	
Date of harvesting:	
Recommendations for Farmers	
Recommendations for Deptt. Personnel	
Feedback	

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

Detail of Technology	Output *	Est. Energy Expenditure kj/min	WHR beat/min	% reduction in drudgery	% increase in efficiency	Cardiac Cost of Work	% Saving of cardiac Cost
T ₁ (Farmers Practices)							
T ₂ (Recommended Practices)							
T ₃ (Recommended Practices)							

*Kindly use Unit as per the machine/implement/equipment used for drudgery reduction

(B) Economic Performance Home Science OFT: (For Income Generation) Enterprises wise

Name of Enterprise : -.....

Detail of Technology	Parameter of enterprise	Production per unit (qt/no/lit)	Average Cost of input (Rs/unit)	Average Gross Return (Rs/unit)	Average Net Return (Rs/unit)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T ₁ (Farmers Practices)						
T ₂ (Recommended Practices)						
T ₃ (Recommended Practices)						

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

Detail of Technology	Composition of product	Production per unit	Average Cost of input (Rs/unit)	Average Gross Return (Rs/unit)	Average Net Return (Rs/unit)	Benefit-Cost Ratio (Gross Return / Gross Cost)
T ₁ (Farmers Practices)						
T ₂ (Recommended Practices)						
T ₃ (Recommended Practices)						

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

Name of Enterprise /product: -.....

Detail of Technology	Name of Product /enterprise	Per capita Consumption gm/ day	Nutrient Intake (Unit)				Anthropometric measurements		
			Energy (kcal)	Protein (gm)	Iron (mg)	Calcium (mg)	Increase in Weight (Kg)	Increase in Height (cm)	BMI ((Weight (Kg)/ Height(in m) * Height(in m)))
T ₁ (Farmers Practices)									
T ₂ (Recommended Practices)									
T ₃ (Recommended Practices)									

3. Achievements of Frontline Demonstrations (FLD)

3.1 Details of FLDs on Crop implemented during Jan-2019 to Dec-2019

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop Category	Name of Crop	Name of Variety	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop-Area (ha)	Results (q/ha)		% change	No. of farmers						
											FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total		
Kanker	2019	Kharif	Integrated Nutrient management	Introduction of soil test based Nutrient Management in Rice (Yield Target 50 q/ha)	Cereal	Rice	MTU 1010	Irrigated	Completed	4.00	32.55	44.43	36		10					10
Kanker	2019	Wheat	Integrated Nutrient management	Introduction of soil test based Nutrient Management in wheat (Yield Target 60 q/ha)	Cereal	Wheat	JW 3382	Irrigated	On going	4.00					10					10
Kanker	2019	Kharif	Improved variety	Introduction of improved variety of Finger millets	Cereal	Finger Millet	Indira Ragi 1	Rainfed	Completed	2.00	4.25	6.65	56%		5					5
Kanker	2019-20	Kharif	Integrated Crop Management	Demonstration of insect-pest management in kusumi lac	Agro forestry	Lac	Kusumi	Irrigated	Completed	4.00	3.56	4.8	35%		10					10

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop Category	Name of Crop	Name of Variety	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop-Area (ha)	Results (q/ha)		% change	No. of farmers					
											FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total	
Kanker	2019-20	Kharif	crop Diversification	Demonstration of Lac Cultivation in Semialata	Lac in Semialata	Lac in Semialata	Kusumi	Irrigated	Completed	4.00	29.2	69.132	137%		10				10
Kanker	2019-20	Kharif	Decomposting method	Introduction of composting technique of paddy straw by Trichoderma spp	Traichoderma	Paddy straw		Irrigated	Completed	4.00	63	43	-32%		10				10
Kanker	2019-20	Kharif	Improved variety	Introduction of Elephant foot yam in badi cultivation	Tuber	Elephant Foot Yam	Gajendra	Irrigated	Completed	1.00	447	613	37%		10				10
Kanker	2019-20	Rabi	Improved package of practice	Introduction of improved variety of Fenugreek	Vegetable	Fenugreek	RMT 305	Irrigated	Completed	1.00	9	11	22%		5				5
Kanker	2019-20	Rabi	Crop management	Assessment of Foliar application of Ethrel PGR at 2 & 4 True leaf stages in Bitter gourd	Vegatable	Bitter Gourd		Irrigated	Completed	1.00	128	177	38%		5				5
Kanker	2019-20	2019-20	Income generation	Introduction of 1.0 ha IFS Model for Small & Marginal Farmers	IFS		1	33700	81900	143%		10			10				

3.2 Economic Impact of Crop FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Kanker	Introduction of soil test based Nutrient Management in Rice (Yield Target 50 q/ha)	Rice	Yield q/ha	32.55	44.43	28500	29600	81375	111075	52875	81475	2.86	3.75
Kanker	Introduction of soil test based Nutrient Management in wheat (Yield Target 60 q/ha)	Wheat	Yield q/ha	4.25	6.65	8500	10050	13387.5	20947.5	4888	10898	1.58	2.08
Kanker	Introduction of improved variety of Finger millets	Finger millet	Yield q/ha	4.25	6.65	8500	10050	13387.5	20947.5	4888	10898	1.58	2.08
Kanker	Demonstration of insect-pest management in kusumi lac	Lac	Yield q/ha	3.56	4.8	23590	30150	106800	144000	83210	113850	4.53	4.78
Kanker	Demonstration of Lac Cultivation in Semialata	Lac in Semialata	Yield q/ha	29.2	69.132	28000	60340	73000	172830	45000	112490	2.61	2.86

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Kanker	Introduction of composting technique of paddy straw by Trichoderma spp	Decomposting through paddy straw	No. of days of decomposting	63	43	1625	2600	1050	5200	-575	2600	0.65	2.00
Kanker	Introduction of Elephant foot yam in badi cultivation	Elephant Foot Yam	Yield q/ha	447	613	261000	310000	670500	919500	409500	609500	2.57	2.97
Kanker	Introduction of improved variety of Fenugreek	Fenugreek	Yield q/ha	9	11	37000	39500	72000	88000	35000	48500	1.95	2.23
Kanker	Introduction of Foliar application of Ethrel PGR at 2 & 4 True leaf stages in Bitter gourd	Bitter Gourd	Yield q/ha	90	110	98000	101000	180000	220000	82000	119000	1.84	2.18
Kanker	Introduction of 1.0 ha IFS Model for Small & Marginal Farmers	IFS	Net Return Rs/ha	33000	85280	58500	85700	91500	170980	33000	85280	1.56	2.00

3.2 Details of FLDs on Agriculture Engineering implemented during Jan-2019 to Dec-2019

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop/Enterprise Category	Name of Crop/Enterprise	Name of Variety/Technology / Enterprise	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop-Area (ha) / Enterprise - No.	Results (q/ha)		% change	No. of farmers					
											FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total	
	2019-2020	Kharif	Farm Mechanization	Introduction of power weeder for weeding in rice crop.		Rice	power weeder	semi-irrigated	Completed	2.05	39.10	47.45	21.35		5				5
	2019-2020	Kharif	Farm Mechanization	Line sowing of Rice by multicrop planter with Post-Emergence Application of Herbicide		Rice	multicrop planter	rainfed	Completed	3.00	38.90	46.50	19.53		5				5

3.4 Economic Impact of Agriculture Engineering FLD

KVK Name	Technology demonstrated	Name of Crop/ Enterprise	Parameters			Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Kanker	Power weeder	Rice	Field Capacity (ha/hr)	0.0044	0.044	30795	27380	71750	87070	40955	59690	2.32	3.18
	Power weeder	Rice	weed population per m ²	14	33	-	-	-	-	-	-	-	-
Kanker	Multicrop planter	Rice	Field capacity (ha/hr)	0.29	0.40	27992	26335	71382	85327	43390	58992	2.55	3.24

3.3 Details of FLDs on Animal Science implemented during Jan-2019 to Dec-2019

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop/Enterprise Category	Name of Crop/Enterprise	Name of Variety/Technology / Enterprise	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop-Area (ha) / Enterprise - No.	Results (q/ha)		% change	No. of farmers				
											FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total
Kanker	2019-20	2019-20	Breed improvement	Demonstration of breed improvement with Sirohi goat	Animal	Goat	Sirohi (Graded)	Rainfed	Ongoing	10 animal (5 group)	Awaited	Awaited			5			5
Kanker	2019-20	2019-20	Disease Management	Demonstration on Ivermectin as ecto-endo parasidal drug in goat	Animal	Goat	Sirohi (Graded)	Rainfed	completed	10 animal (5 group)	9.75	11.12	14%		5			5

3.6 Economic Impact of Animal Science FLD

KVK Name	Technology demonstrated	Name of Crop/Enterprise	Parameters			Average Cost of cultivation (Rs/ha)		Average Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)
Kanker	Demonstration of breed improvement with Sirohi goat	Goat	Body weight at 6 month (kg/goat) Mortality %	awaited	awaited	awaited	awaited	awaited	awaited	awaited	awaited	awaited	awaited
Kanker	Demonstration on Ivermectin as ecto-endo parasidal drug in goat	Goat	Body weight at 6 month (kg/goat) Mortality %	9.75	11.12	6800	7330	26325	33360	19525	26060	3.87	4.57

3.7 Details of FLDs on Fishery implemented during Jan-2019 to Dec-2019

KVK Name	Year	Season	Thematic area	Technology demonstrated	Crop/Enterprise Category	Name of Crop/Enterprise	Name of Variety/Technology / Enterprise	Farming Situation (rainfed/irrigated/semi-irrigated)	Completed/Ongoing	Crop-Area (ha) / Entrep - No.	Results (q/ha)		% change	No. of farmers					
											FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total	

3.8 Economic Impact of fishery FLD

KVK Name	Technology demonstrated	Name of Crop/Enterprise	Parameters			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)	FP (T ₁)	RP (T ₂)

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

KVK Name	year	Season	Thematic area	Technology demonstrated	Name of Crop/ Enterprise	Name of Variety/Technology/Enterprises	Crop-Area (ha) / Entrep - No.	Results		% change	No. of farmers						
								FP (T ₁)	RP (T ₂)		SC	ST	Others	General	Total		

Economic Performance Home Science FLD: (Drudgery Reduction)

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

*Kindly use Unit as per the machine/implement/equipment used for drudgery reduction

Economic Performance Home Science FLD: (Income Generation)

KVK name	Technology demonstrated	Performance Indicator / Parameter												
		Production per unit (Q/No/Lit)		Average Cost of input (Rs/unit)		Average Gross Return(Rs/unit)		Average Net Return(Rs/unit)		Benefit-Cost Ratio (Gross Return / Gross Cost)				
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2			

Economic Performance Home Science FLD: (For value addition)

KVK name	Technology demonstrated	Performance Indicator / Parameter												
		Composition of product		Production per unit (Q/ Lit)		Average Cost of input (Rs/unit)		Average Gross Return (Rs/unit)		Average Net Return (Rs/unit)		Benefit-Cost Ratio (Gross Return / Gross Cost)		
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	

Economic Performance Home Science FLD: (For Nutritional security)

KVK name	Technology demonstrated	Performance Indicator / Parameter				Nutrient Intake (Unit)								Anthropometric measurements						
		Name of Product		Per capita Consumption gm/ day		Energy (kcal)		Protein (gm)		Iron (mg)		Calcium (mg)		Increase in Weight (Kg)		Increase in Height (cm)		BMI ((Weight (Kg)/ Height(in m) * Height(in m)))		
		T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	T1	T2	
Kanker	Introduction of Nutritional Kitchen Garden in residential School of satellite village	Vegetable growing is not in common	Seasonal vegetables and fruits	145	300	-	6170	-	492	-	468			12.2	1.883	2.637	3.6	5.5	1.883	2.637

3.10 Training and Extension activities conducted under FLD

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

3.11 Details of FLD on crop hybrids.

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

4. Feedback System

4.1. Feedback of the Farmers to KVK

Name of KVK	Feedback			
	Technology appropriations	Methodology used	Benefits of OFT/FLD	Future Adoption
Kanker	Application of pre and post emergence of herbicide under weed management	Method and result demonstration and group discussion	Post emergence application of herbicide @60 g a.i. @per ha. at 18-25 DAS, found effective control of weed and enhancement in yield and income	Interested in adopting
Kanker	Improved variety of upland rice RRF 105	Method and result demonstration and group discussion	Yield and income enhancement at both upland and midland situation.	Farmers agree with thje results and interested in
Kanker	Inclined plate planter for sowing	Use of Tractor drawn Inclined plate planter machine for line sowing of	Effective for timely sown in a large area and reduces the seed rate as well as cost of cultivation.	Interested in adopting
Kanker	IDM in Goat rearing	Vaccination against PPR, Goat pox and deworming.	Practice with vaccination against Goat pox & PPR and Albedanzole@ 10mg/kg body wt. once before vaccination has reduced the morality of goat and improve body weight.	Farmers agree with thje results and interested in adopting
Kanker	Birds rearing in different range system	Poultry birds rearing under intensive and semi-intensive system	Practice of intensive system for rearing of poutry birds improve the body weight and reduce the mortality as compare to semi intensive and free range system of rearing.	Interested in adopting
Kanker	IPM Technique under organic management of insect pest	Disease registance variety, Phoremon trap, enter coprring and spray of organic pesticide	Use of disease registance variety and phoromone trap, Clipping of infested shoot at weekly interval and intercropping and spary of Neem seed kernal extract (4%) reduce the fruit and shoot borer in brinjal	Interested in adopting but Problem in timely availability of recommended variety seed
Kanker	Seed treatment	Pseudomonas and trichoderma viridi @ 5g each per kg of seed	Use bio inoculants like pseudomonas and trichoderma viridi for seed treatment and plug tray technique to prevent rhizome rot disease	Interested in adopting
Kanker	Soil health card	Soil test based fertilizer recommendation in Rice	Judicious use of chemical fertilizer along with organic mannure under rice cultivation in inceptisol increase yield potential with soil health sustainability	Interested in adopting Problem in timely availability of STV

2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Kanker	

4.3. 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				

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 for Farmers

Name of KVK	Category (F &FW/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Kanker			Crop Production	Weed Management											
Kanker	F	OFC			Weed management and water management in linseed crops	1	1	5	1	2	1	23	5	3	
Kanker	F	ONC			Weed management and water management in Sesame	1	1	3		2	1	15	8	2	
Kanker	F	ONC			Weed management in rice	2	1	5	2	7	2	38	27	8	2
Kanker	F	OFC			Weed management of black gram	1	1	4	0	0	0	28	15	5	1
Kanker	F	OFC			Weed management of wheat	1	1	5	1	2	1	22	2	3	
Kanker	F	OFC			Weed management of black gram	2	1	5	3	1	1	43	13	6	
Kanker	F	OFC			Weed control in line sowing rice	2	1	6	1	3		38	15	1	1
Kanker	F	ONC	Crop Production	Resource Conservation Technologies	Water harvesting and conservation technique	2	1	8	2	5	2	78	5	26	5
Kanker			Crop Production	Cropping Systems											
Kanker	F	ONC			Production technology of chick pea	2	1	5	2	3	1	48	16	5	1

Name of KVK	Category (F & FW/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Kanker	F	OFC			Production technology of Chickpea	2	2	6	1	2		28	22	4	3
Kanker	F	OFC			Production technology of field pea	1	1	6	1	3		27	2	1	
Kanker	F	OFC			Production technology of green gram	1	1	3	4			24		2	
Kanker	F	ONC			Production technology of kharif crop	1	1	4	1	1		32	2	2	
Kanker	F	OFC			Production technology of lentil	1	1	4		1		42	2	1	
Kanker	F	OFC			Production technology of linseed	1	1	4	1			28	12	3	
Kanker	F	OFC			Production technology of wheat	1	1	4		1		27	3	2	
Kanker	F	ONC			Production technology of wheat	1	1	2	1			22	2	3	
Kanker	F	ONC			Kharif crop production technology	1	1	2	2		1	24	3	3	
Kanker	F	ONC			Selection of variety in kharif season	1	1	4		1		18	2		
Kanker			Crop Production	Crop Diversification											
Kanker			Crop Production	Integrated Farming											
Kanker	F	ONC	Crop Production	Micro irrigation/irrigation	Maintenance of Drip and Sprinkler system	1	1	1		2		31		1	
Kanker			Crop Production	Seed production											
Kanker			Crop Production	Nursery management											
Kanker			Crop Production	Integrated Crop Management											

Name of KVK	Category (F & FW/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Kanker	F	ONC	Crop Production	Soil & water conservation	Water management in pulse crop	1	1	5	1	2		28	13	2	
Kanker			Crop Production	Integrated nutrient Management											
Kanker			Crop Production	Production of organic inputs											
Kanker	F	ONC	Crop Production	Others(Pl. Specify)	Integrated Farming system	3	1	2	1	5	1	79	35	13	12
Kanker	FW	ONC	Horticulture (Vegetable Crops)	Production of low volume and high value crops	Badi upgradation training	2	1		1	5	1	15	25	0	10
Kanker			Horticulture (Vegetable Crops)	Off season vegetables											
Kanker			Horticulture (Vegetable Crops)	Nursery raising											
Kanker			Horticulture (Vegetable Crops)	Exotic vegetables											
Kanker			Horticulture (Vegetable Crops)	Export potential vegetables											
Kanker			Horticulture (Vegetable Crops)	Grading and standardization											
Kanker			Horticulture (Vegetable Crops)	Protective cultivation											
Kanker			Horticulture (Vegetable Crops)	Others(Pl. Specify)											
Kanker	F	ONC	Horticulture (Fruits)	Training and Pruning	Pruning technique	1	1	2	1			21	2	3	
Kanker			Horticulture (Fruits)	Layout and Management of Orchards											
Kanker			Horticulture (Fruits)	Cultivation of Fruit											
Kanker			Horticulture (Fruits)	Management of young plants/orchards											
Kanker			Horticulture (Fruits)	Rejuvenation of old orchards											
Kanker			Horticulture (Fruits)	Export potential fruits											
Kanker	FW	ONC	Horticulture (Fruits)	Micro irrigation systems of orchards	Micro irrigation systems of orchards	1	1	2		1		25		2	
Kanker	FW	ONC	Horticulture (Fruits)	Plant propagation techniques	Plant propagation techniques	1	1	2				25		1	
Kanker			Horticulture (Fruits)	Others (Pl. Specify)											

Name of KVK	Category (F & FW/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Kanker			Horticulture (Ornamental Plants)	Nursery Management											
Kanker			Horticulture (Ornamental Plants)	Management of potted plants											
Kanker			Horticulture (Ornamental Plants)	Export potential of ornamental plants											
Kanker			Horticulture (Ornamental Plants)	Propagation techniques of Ornamental Plants											
Kanker			Horticulture (Ornamental Plants)	Others (Pl. Specify)											
Kanker			Horticulture(Plantation crops)	Production and Management technology											
Kanker			Horticulture(Plantation crops)	Processing and value addition											
Kanker			Horticulture(Plantation crops)	Others (Pl. Specify)											
Kanker	FW	OFC	Horticulture(Tuber crops)	Production and Management technology	Production technology of elephant foot yam	1	1			1		29	3	4	
Kanker			Horticulture(Tuber crops)	Processing and value addition											
Kanker			Horticulture(Tuber crops)	Others (Pl. Specify)											
Kanker	F	ONC	Horticulture(Spices)	Production and Management technology	Production technology of Ginger and turmeric	2	1	5	1	1		36	14	3	1
Kanker															
Kanker			Horticulture(Spices)	Processing and value addition											
Kanker			Horticulture(Spices)	Others (Pl. Specify)											
Kanker			Horticulture(Medicinal and Aromatic Plants)	Nursery management											
Kanker	F	ONC	Horticulture(Medicinal and Aromatic Plants)	Production and management technology	Production technology of Medicinal and aromatic plants	2	1	3		2		42	15		1

Name of KVK	Category (F & FW/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Kanker			Horticulture(Medicinal and Aromatic Plants)	Post harvest technology and value addition											
Kanker			Horticulture(Medicinal and Aromatic Plants)	Others (Pl. Specify)											
Kanker	F	ONC	Soil Health and Fertility Management	Soil fertility management	Importance of bio fertilizer in different crops	2	1	5	2	2	1	35	15	8	2
Kanker			Soil Health and Fertility Management	Integrated water management											
Kanker	F	ONC	Soil Health and Fertility Management	Integrated Nutrient Management	Integrated Nutrient management in kharif crop	1	1	1	1	2	1	12	17	3	1
Kanker	F	ONC			Integrated Nutrient management in rabi crop	2	1	2	1	3		45	2	8	1
Kanker	F	ONC			Integrated Nutrient management in vegetable crop	1	1	2	0	0	1	25	9	1	0
Kanker	F	ONC			Integrated Nutrient management in fruit plants	1	1	2		2	1	21	2	1	1
Kanker	FW	OFC	Soil Health and Fertility Management	Production and use of organic inputs	Production technology of vermi compost	4	1	22	13	15	6	38	58	18	5
Kanker	FW	OFC			Production technology of organic rich compost	5	1	18	2	5		147	97	13	5
Kanker	FW	OFC			Paramparik Ghuruva Unnayan	7	1	25	12	10	12	268	164	48	5
Kanker	F	OFC			Green Manuring	2	1	5	1	3		48	32	5	
Kanker			Soil Health and Fertility Management	Management of Problematic soils											
Kanker			Soil Health and Fertility Management	Micro nutrient deficiency in crops											

Name of KVK	Category (F & FW/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Kanker			Soil Health and Fertility Management	Nutrient Use Efficiency											
Kanker			Soil Health and Fertility Management	Balance Use of fertilizer	STBFR in Kharif Crop	1	1	3	1	2		18	12	2	1
Kanker					STBFR in Rabi Crop	1	1	5		1		24	2	3	
Kanker	F	OFC	Soil Health and Fertility Management	Soil & water testing	Soil sample collection methods	2	1	3	2	2	1	32	13	5	2
Kanker	F	ONC	Soil Health and Fertility Management	Organic Farming	Production of scented rice	2	1	5	2	0	0	35	12	3	1
Kanker	F	ONC			Production of minor millets	2	1	12	2	6	1	28	32	2	1
Kanker	F	ONC			Production of high value crops (vegetable)	4	1	15	2	5	1	62	51	8	2
Kanker			Soil Health and Fertility Management	Others (Pl. Specify)											
Kanker			Livestock Production and Management	Dairy Management											
Kanker	F	OFC	Livestock Production and Management	Poultry Management	Vaccination and management of poultry birds	5	1	27	8	5	6	78	35	5	1
Kanker			Livestock Production and Management	Piggery Management											
Kanker			Livestock Production and Management	Rabbit Management											
Kanker			Livestock Production and Management	Animal Nutrition Management											
Kanker			Livestock Production and Management	Disease Management	Disease management of animal	3	1	5	2	1		96	37	12	2
Kanker			Livestock Production and Management	Feed & fodder technologies	Fodder production for animal nutrition	2	1	3	2	2	1	37	15	2	

Name of KVK	Category (F & FW/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Kanker	F	ONC	Livestock Production and Management	Production of quality animal products	Care and management of live stock before mansoon	2	1	4	1	2	1	45	5	8	1
Kanker	F	ONC			Rearing and management of Goat	2	1	3	2		1	43	15		
Kanker	F	ONC			Live stock and its shed management	2	1	5	1	1		51	10		
Kanker															
Kanker			Livestock Production and Management	Others (Pl. Specify)											
Kanker			Home Science/Women empowerment	Household food security by kitchen gardening and nutrition gardening											
Kanker			Home Science/Women empowerment	Design and development of low/minimum cost diet											
Kanker			Home Science/Women empowerment	Designing and development for high nutrient efficiency diet											
Kanker			Home Science/Women empowerment	Minimization of nutrient loss in processing											
Kanker			Home Science/Women empowerment	Processing & cooking											
Kanker			Home Science/Women empowerment	Gender mainstreaming through SHGs											
Kanker			Home Science/Women empowerment	Storage loss minimization techniques											
Kanker			Home Science/Women empowerment	Value addition											
Kanker			Home Science/Women empowerment	Women empowerment											
Kanker			Home Science/Women empowerment	Location specific drudgery reduction technologies											

Name of KVK	Category (F & FW/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Kanker			Home Science/Women empowerment	Rural Crafts											
Kanker			Home Science/Women empowerment	Women and child care											
Kanker			Home Science/Women empowerment	Others (Pl. Specify)											
Kanker			Agril. Engineering	Farm machinery & its maintenance											
Kanker			Agril. Engineering	Installation and maintenance of micro irrigation systems											
Kanker			Agril. Engineering	Use of Plastics in farming practices											
Kanker			Agril. Engineering	Production of small tools and implements											
Kanker	F	ONC	Agril. Engineering	Repair and maintenance of farm machinery and implements	Care & maintenance of Agriculture Implements	1	1	5		2	15		5		
Kanker	F	ONC			Care & maintenance of ploughing machine	1	1	3			22	8			
Kanker	F	ONC			Importance of agriculture implements in summer ploughing	1	1	2			23	12			
Kanker	F	OFC	Agril. Engineering	Small scale processing and value addition	Processing and value addition of scneted rice	2	1					38		2	
Kanker			Agril. Engineering	Post Harvest Technology											
Kanker	F	OFC	Agril. Engineering	Others (Pl. Specify)	Line sowing of paddy by seed drill	1	1	3	2		26	18			
Kanker	F	OFC			Woman empower and drudgery reduction	1	1	2			23	3			
Kanker															

Name of KVK	Category (F & FW/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Kanker	F	ONC	Plant Protection	Integrated Pest Management	Plant protection in kharif	2	1	4		1		43	12	1	
Kanker	F	ONC			Plant protection in Rabi crop	2	1	5	1		1	28	22	3	
Kanker	F	ONC			Plant protection in vegetable	1	1	1	1	2		25	8	2	1
Kanker	F	ONC			Method and importance of seed treatment	1	1	9	2	1		17		1	
Kanker	F	ONC	Plant Protection	Integrated Disease Management	Pest and disease management in Kharif crop	2	1	4	2	2		32	26	2	1
Kanker			Plant Protection	Bio0control of pests and diseases											
Kanker			Plant Protection	Production of bio control agents and bio pesticides											
Kanker			Plant Protection	Others (Pl. Specify)											
Kanker			Fisheries	Integrated fish farming											
Kanker			Fisheries	Carp breeding and hatchery management											
Kanker			Fisheries	Carp fry and fingerling rearing											
Kanker			Fisheries	Composite fish culture											
Kanker			Fisheries	Hatchery management and culture of freshwater prawn											
Kanker			Fisheries	Breeding and culture of ornamental fishes											
Kanker			Fisheries	Portable plastic carp hatchery											
Kanker			Fisheries	Pen culture of fish and prawn											
Kanker			Fisheries	Shrimp farming											
Kanker			Fisheries	Edible oyster farming											
Kanker			Fisheries	Pearl culture											

Name of KVK	Category (F & FW/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Kanker			Fisheries	Fish processing and value addition											
Kanker			Fisheries	Others (Pl. Specify)											
Kanker	F	ONC	Production of Input at site	Seed Production	Seed production of Pulses	2	1	2		3		38	12	8	
Kanker	F	ONC	Production of Input at site	Planting material production	Production of Planting material of fruit and vegetables	2	1	5	1	2		35	8	3	1
Kanker	F	OFC	Production of Input at site	Bio0agents production	Production of Trichoderma, Rizobium and Azotobactor	2	1	2		5		28	22	3	
Kanker			Production of Input at site	Bio0pesticides production											
Kanker			Production of Input at site	Bio0fertilizer production	Multiplication of Trichoderma PGPR, VAM, Rizobium and Azotobactor	4	1	1	0	1		67	48	8	3
Kanker	F	ONC	Production of Input at site	Vermi0compost production	Vermi Compost production	5	1	5	2	3	1	58	98	15	3
Kanker	F	OFC	Production of Input at site	Organic manures production	In situ and Exsitu production of green manures	1	1					38	6		
Kanker			Production of Input at site	Production of fry and fingerlings											
Kanker			Production of Input at site	Production of Bee0 colonies and wax sheets											
Kanker			Production of Input at site	Small tools and implements											
Kanker			Production of Input at site	Production of livestock feed and fodder											
Kanker			Production of Input at site	Production of Fish feed											
Kanker	F	OFC	Production of Input at site	Mushroom production	Mushroom production technology	4	1	5	2	2	3	35	68	13	5

Name of KVK	Category (F & FW/FW)	Training Type (ONC/OFC)	Category	Sub Theme	Training Title	No. of Courses	Duration (Days)	Participants							
								Gen		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Kanker			Production of Input at site	Apiculture											
Kanker			Production of Input at site	Others (Pl. Specify)											
Kanker			Capacity Building and Group Dynamics	Leadership development											
Kanker			Capacity Building and Group Dynamics	Group dynamics											
Kanker			Capacity Building and Group Dynamics	Formation and Management of SHGs											
Kanker			Capacity Building and Group Dynamics	Mobilization of social capital											
Kanker			Capacity Building and Group Dynamics	Entrepreneurial development of farmers/youths											
Kanker			Capacity Building and Group Dynamics	WTO and IPR issues											
Kanker			Capacity Building and Group Dynamics	Others (Pl. Specify)											
Kanker			Agro forestry	Production technologies											
Kanker			Agro forestry	Nursery management											
Kanker			Agro forestry	Integrated Farming Systems											
Kanker			Agro forestry	Others (Pl. Specify)											

Table 5.2. Details of Training Programmes conducted by the KVKs for Rural Youth

Name of KVK	Category (RY)	Training Type (ONC/OFC)	Thematic Area of training	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Kanker	RY	ONC	Nursery Management of Horticulture crops	Nursery Management	1	1					27	12	1	
Kanker	RY	ONC	Training and pruning of orchards	Pruning technique	1	1	1				31	1	2	
Kanker			Protected cultivation of vegetable crops											
Kanker			Commercial fruit production											
Kanker			Integrated farming											
Kanker	RY	ONC	Seed production	Seed production of pulses crop	1	1	3		2		18	7	3	
Kanker			Production of organic inputs											
Kanker			Planting material production											
Kanker			Vermi culture											
Kanker	RY	ONC	Mushroom Production	Mushroom and Spawn production technique	2	1				1	15	33		3
Kanker			Bee keeping											
Kanker			Sericulture											
Kanker			Repair and maintenance of farm machinery and implements											
Kanker	RY	OFC	Value addition	Primary Processing of lac	2	1	5	1	2		35	18	3	2
Kanker	RY	OFC	Small scale processing	Processing and packaging of Scented Rice	2	1					38	22		
Kanker			Post Harvest Technology											
Kanker			Tailoring and Stitching											
Kanker			Rural Crafts											
Kanker			Production of quality animal products											
Kanker			Dairying											
Kanker	RY	ONC	Sheep and goat rearing	Goat rearing	1	1					25	8		1
Kanker			Quail farming											
Kanker			Piggery											
Kanker			Rabbit farming											
Kanker	RY	ONC	Poultry production	Poultry management	2	1			2		27	22	1	
Kanker			Ornamental fisheries											
Kanker			Composite fish culture											

Name of KVK	Category (RY)	Training Type (ONC/OFC)	Thematic Area of training	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Kanker			Freshwater prawn culture											
Kanker			Shrimp farming											
Kanker			Pearl culture											
Kanker			Cold water fisheries											
Kanker			Fish harvest and processing technology											
Kanker			Fry and fingerling rearing											
Kanker			Others(Pl. Specify)											

Table 5.3. Details of Training Programmes conducted by the KVKs for Extension Personnel

Name of KVK	Category (IS)	Training Type (ONC/OFC)	Thematic Area of training (if other please specify name)	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Kanker	IS	OFC	Productivity enhancement in field crops	Crop Production technology - Kharif	1	1	8	1	3	1	1	1	2	3
Kanker	IS	OFC		Crop Production technology - Rabi	1	1	6	2	2	1	1	3	1	2
Kanker			Integrated Pest Management	IPM - Kharif and Rabi season crop	1	1	4		2	1	1	5	4	1
Kanker			Integrated Nutrient management											
Kanker			Rejuvenation of old orchards											
Kanker			Protected cultivation technology											
Kanker			Production and use of organic inputs	SWM-NADEP, Vermicomposting and carbon rich nutri-smart composting	1	1	4		2	1	1	5	4	1
Kanker			Care and maintenance of farm machinery and implements											
Kanker			Gender mainstreaming through SHGs											

Name of KVK	Category (IS)	Training Type (ONC/OFC)	Thematic Area of training (if other please specify name)	Training Title	No. of Courses	Duration (Days)	Participants							
							Gen		SC		ST		Others	
							M	F	M	F	M	F	M	F
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Kanker			Formation and Management of SHGs											
Kanker			Women and Child care											
Kanker			Low cost and nutrient efficient diet designing											
Kanker			Group Dynamics and farmers organization											
Kanker			Information networking among farmers											
Kanker			Capacity building for ICT application											
Kanker			Management in farm animals											
Kanker			Livestock feed and fodder production											
Kanker			Household food security											
Kanker	IS	ONC	Others(Nutritional, Garden)	Nutritional Garden, IPM In vegetable crop	1	1	5		1		1	2	2	
Kanker	IS	OFC	Others(Oilseed production technique and development)	Production technology of Oilseed	1	2	3		2		7		2	

Table 5.4. Details of Vocational training programmes for Rural Youth conducted by the KVKs

State	Name of KVK	Thematic Area	Sub Theam	Training title	Name of Crop / Enterprise	Identified Thrust Area	No of Courses	Duration of training (days)	Number of Beneficiaries							
									Gen		SC		ST		Others	
									M	F	M	F	M	F	M	F
Chhattisgarh	Kanker	Crop production and management	Commercial floriculture													
Chhattisgarh	Kanker	Crop production and management	Commercial fruit production													
Chhattisgarh	Kanker	Crop production and management	Commercial vegetable production													
Chhattisgarh	Kanker	Crop production and management	Integrated crop management													
Chhattisgarh	Kanker	Crop production and management	Organic farming													

State	Name of KVK	Thematic Area	Sub Theam	Training title	Name of Crop / Enterprise	Identified Thrust Area	No of Courses	Duration of training (days)	Number of Beneficiaries										
									Gen		SC		ST		Others				
									M	F	M	F	M	F	M	F			
arh	er																		
Chhattisgarh	Kanker	Crop production and management	Others(Pl. Specify)																
Chhattisgarh	Kanker	Post harvest technology and value addition	Value addition																
Chhattisgarh	Kanker	Post harvest technology and value addition	Others(Pl. Specify)																
Chhattisgarh	Kanker	Livestock and fisheries	Dairy farming																
Chhattisgarh	Kanker	Livestock and fisheries	Composite fish culture																
Chhattisgarh	Kanker	Livestock and fisheries	Sheep and goat rearing																
Chhattisgarh	Kanker	Livestock and fisheries	Piggery																
Chhattisgarh	Kanker	Livestock and fisheries	Poultry farming	Poultry rearing and management	Poultry		1	6									1	1	4
Chhattisgarh	Kanker			Small poultry farmer	Poultry		1	32		1	1	1	0	3	5				
Chhattisgarh	Kanker	Livestock and fisheries	Others(Pl. Specify)																
Chhattisgarh	Kanker	Income generation activities	Vermiocomposting																
Chhattisgarh	Kanker	Income generation activities	Production of bio0agents, bio0pesticides,																
Chhattisgarh	Kanker	Income generation activities	bio0fertilizers etc.																
Chhattisgarh	Kanker	Income generation activities	Repair and maintenance of farm machinery & imlements																
Chhattisgarh	Kanker	Income generation activities	Rural Crafts																
Chhattisgarh	Kanker	Income generation activities	Seed production																
Chhattisgarh	Kanker	Income generation activities	Sericulture																
Chhattisgarh	Kanker	Income generation activities	Mushroom cultivation	Mushroom grower	Mushroom		1	32		1	3	8	5	3					
Chhattisgarh	Kanker	Income generation activities	Nursery, grafting etc.																
Chhattisgarh	Kanker	Income generation activities	Tailoring, stitching, embroidery, dying etc.																
Chhattisgarh	Kanker	Income generation activities	Agril. para0workers, para0vet training																

State	Name of KVK	Thematic Area	Sub Theam	Training title	Name of Crop / Enterprise	Identified Thrust Area	No of Courses	Duration of training (days)	Number of Beneficiaries										
									Gen		SC		ST		Others				
									M	F	M	F	M	F	M	F			
Chhattisgarh	Kanker	Income generation activities	Others(Pl. Specify)																
Chhattisgarh	Kanker	Agricultural Extension	Capacity building and group dynamics																
Chhattisgarh	Kanker	Agricultural Extension	Others(Micro Irrigation Technician)	Micro Irrigation technician	Micro irrigation		1	26						1	6	1	2	1	

Table 5.5. Sponsored Training Programmes

Name of KVK	Client (F &FW/F W/ RY/ IS)	Title	Thematic area	Sub-theme	Training title	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency			
								Gen		Others		SC		ST					
								M	F	M	F	M	F	M	F				
Kanker			Crop production and management	Increasing production and productivity of crops															
Kanker			Crop production and management	Commercial production of vegetables															
Kanker			Crop production and management	Production and value addition															
Kanker			Crop production and management	Fruit Plants															
Kanker			Crop production and management	Ornamental plants															
Kanker			Crop production and management	Spices crops															
Kanker			Crop production and management	Soil health and fertility management															
Kanker			Crop production and management	Production of Inputs at site															
Kanker			Crop production and management	Methods of protective cultivation															
Kanker	F	Production technology of Soybean	Crop production and management	Others(Production technology of Soybean)	2	1	2							4	5	2	2	AICRP Soybean	
Kanker			Post harvest technology and value addition	Processing and value addition															
Kanker			Post harvest technology and value addition	Others(Pl. Specify)															

Name of KVK	Client (F &FW/F W/ RY/ IS)	Title	Thematic area	Sub-theme	Training title	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	
								Gen		Others		SC		ST			
								M	F	M	F	M	F	M	F		
Kanker			Farm machinery	Farm machinery, tools and implements													
Kanker			Farm machinery	Others(PI. Specify)													
Kanker			Livestock and fisheries	Livestock production and management													
Kanker			Livestock and fisheries	Animal Nutrition Management													
Kanker			Livestock and fisheries	Animal Disease Management													
Kanker			Livestock and fisheries	Fisheries Nutrition													
Kanker			Livestock and fisheries	Fisheries Management													
Kanker			Livestock and fisheries	Others(PI. Specify)													
Kanker			Home Science	Household nutritional security													
Kanker			Home Science	Economic empowerment of women													
Kanker			Home Science	Drudgery reduction of women													
Kanker			Home Science	Others(PI. Specify)													
Kanker			Agricultural Extension	Capacity Building and Group Dynamics													
Kanker			Agricultural Extension	Others(PI. Specify)													
Kanker	F	Bio Control of pest		Bio Control of pest	2	1	2							3	2	AICRP Bio control	

Table 5.6. 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	Small poultry Farmer	20	20	20	0
Kanker	Mushroom grower	20	20	20	0
Kanker	Micro irrigation technician	20	20	20	0
Kanker	Production and processing of Scented Rice	20	20	20	0

Table 5.7 Training Programmes for Panchayati raj Institutions Office-bearers & members

Name of KVK	Title	Thematic area	Sub-theme	Client (FW/RY/IS)	Duration (days)	No. of courses	No. of Participants								Sponsoring Agency	Fund received for training (Rs.)
							Gen		Others		SC		ST			
							M	F	M	F	M	F	M	F		
Kanker	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 5.8 Subject area wise details of women farmer specific training programmes organized by KVKs during Jan-Dec-2019

Area of Training	Jan-Dec-2019	
	Courses	Participants
Household food security by kitchen gardening and nutrition gardening	Nutrition garden	25
Design and development of low/minimum cost diet		
Designing and development for high nutrient efficiency diet		
Minimization of nutrient loss in processing		
Processing and cooking		
Gender mainstreaming through SHGs		
Storage loss minimization techniques		
Value addition	Processing and Packaging of Scented Rice	38

Area of Training	Jan-Dec-2019	
	Courses	Participants
Women empowerment		
Location specific drudgery reduction technologies		
Rural Crafts		
Women and child care		
Others-Agro-Based IGP programme Training Exposure on Sustainable Agriculture		

Table 5.9 Subject area wise details of other than women farmer specific training programmes organized by KVKs during Jan-Dec-2019

Area of Training	Jan-Dec-2019	
	Courses	Participants
Crop Production		
Horticulture	Nutritional Garden	30
Soil Health and Fertility Management		
Livestock Production and Management		
Agril. Engineering		
Plant Protection		
Fisheries		
Production of Input at site		
Capacity Building and Group Dynamics		
Agro forestry		

Table 5.10 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./ha or Rs./ year)		Impact on		
			Before	After	Before	After	Before	After	% change in knowledge, production & Income	No. of farmers/farm women adopted (no.)	No. of unit established/Area expanded (ha)
Production of Vermicompost	60	15	75	0	45	0	22000	60%	91	91	Production of Vermicompost
Mushroom and spawn production technology	60	8	55	0	0.8	0	5000	45%	52	52	Mushroom and spawn production technology
Small Poultry farmer	60	30	80	0.2	0.6	8000	28000	55%	60	60	Small Poultry farmer

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs./ha or Rs./ year)		Impact on		
			Before	After	Before	After	Before	After	% change in knowledge, production & Income	No. of farmers/farm women adopted (no.)	No. of unit established/Area expanded (ha)
Improved crop production of Black gram	30	20	80	4.5	6.5	27000	39000	50%	30	50	Improved crop production of Black gram
Improved crop production of chickpea	60	30	70	6	8.5	31800	45050	46%	60	100	Improved crop production of chickpea
Improved crop production of Horse gram	30	15	85	4.25	6	25500	36000	62%	30	50	Improved crop production of Horse gram

6. EXTENSION ACTIVITIES

State	Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants (only in no.)								Remarks		
					Farmers (Others)		Farmers (SC)		Farmers (ST)		Extension Officials		Purpose	Topics	Crop Stages
					M	F	M	F	M	F	M	F			
Chhattisgarh	Kanker	Agri mobile clinic	0	0	0	0	0	0	0	0	0	0			
Chhattisgarh	Kanker	Animal Health Camp	2	2	8	3	15	6	92	23	3	0			
Chhattisgarh	Kanker	Awareness programme	5	5	10	5	2		86	35	10	2			
Chhattisgarh	Kanker	Celebration of important days	6	6	25	17	8	6	157	116	27	5			
Chhattisgarh	Kanker	Diagnostic visits	189	189	53	37	26	13	443	154	17	8			
Chhattisgarh	Kanker	Exhibition	10	10	895	279	249	135	3443	1624	89	30			
Chhattisgarh	Kanker	Exposure visits	6	6	52	16	13	7	169	57	8	3			
Chhattisgarh	Kanker	Ex-trainees Sammelan	2	2	2	0	1	0	27	13	5	1			
Chhattisgarh	Kanker	Farm advisory Services													
Chhattisgarh	Kanker	Farmers visit to KVK	68	68	718	235	135	78	5860	1934	112	49			
Chhattisgarh	Kanker	Field Day	10	10	48	17	35	12	257	148	35	8			
Chhattisgarh	Kanker	Group meetings	8	8	27	4	5	2	78	34	18	4			
Chhattisgarh	Kanker	Kisan Ghosthi/Sammelan	5	5	21	6	15	2	168	68	28	7			
Chhattisgarh	Kanker	Kisan Mela	1	1	212	24	28	13	1075	347	45	25			
Chhattisgarh	Kanker	Krishi Mahotsav													
Chhattisgarh	Kanker	Lectures delivered as resource persons	15	15	27	15	8	2	198	145	18	11			
Chhattisgarh	Kanker	Mahila Mandals conveners meetings	2	2		8		1		13		2			
Chhattisgarh	Kanker	Method Demonstrations	20	20	34	11	17		214	184	27	9			
Chhattisgarh	Kanker	Pradhanmantri phasal beema yojana	7	7	38	5	5	2	147	27	35	12			
Chhattisgarh	Kanker	Scientific visit to farmers field	115	115	42	16	15	9	178	104	19	11			
Chhattisgarh	Kanker	Self Help Group conveners meetings	2	2		3		1		38		2			
Chhattisgarh	Kanker	Soil health Camp													
Chhattisgarh	Kanker	Soil test campaigns													
Chhattisgarh	Kanker	Technology Week													
Chhattisgarh	Kanker	Extension literature	3	3	45	34	17	5	368	178	38	15			
Chhattisgarh	Kanker	Film Show	5	5	27	12	15	2	208	146	22	9			
Chhattisgarh	Kanker	Others													

Mass media used for wide publicity

Name of media	Number of events	Name of channel/ Newspaper used	Place of delivery or publication	Coverage of the media (Local/ Regional/National)
Radio talks	0	0	0	0
TV talks	5	DD Kisan, IBC 24	Raipur, Kanker	Regional
Newspaper coverage	26	Hari Bhoomi, Dainik Bhaskar, Patrika	Kanker	Regional
Internet (Youtube)	3			
Social media (Whats App, Facebook, Instagram, Twitter etc.)	1			

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

7.1 KVK Newsletters (Jan to Dec. 2019)

KVK Name	Period	Quarter	Number of copies printed	Number of copies distributed	Type of beneficiaries receiving the newsletter (Farmer, District/block/Panchayat Official, D.M. etc.)
Kanker	January to March 2019	Q1	500	500	Farmers
Kanker	April to June 2019	Q2	500	500	Farmers
Kanker	July to September 2019	Q3	500	500	Farmers
Kanker	October to December 2019	Q4	500	500	Farmers

7.2 Literature developed/published

KVK Name	Type	Number of copies (please don't give mass please fill number only)
Kanker	Abstract	
Kanker	Book	
Kanker	Book Chapter	
Kanker	Booklet	
Kanker	Leaflets/ Folder/ Pamphlet	700
Kanker	Popular article	11
Kanker	Technical Bulletin	
Kanker	Training Manual	
Kanker	Technical Report	
Kanker	Year Planner	100
Kanker	Others (pl. specify)	

Research paper /Review paper published during Jan to Dec. 2019

Name of KVK	Title of Research/Review paper	Authors/credit line	Name of Journal	Type of journal (National/International)	NASS Rating (2020) /impact factor
Kanker	Yield and economics viability of tomato under FLDs in Kanker District of Chhattisgarh	Markam S. K., Sahu B, Keram K. S, Thakur C.L.	Int J current micro biology and applied science	International	5.2
Kanker	Impact of FLDs on yield and economics of colocasia in Kanker District of Chhattisgarh	Markam S. K., Sahu B, Thakur C.L., Gaur A. R.	Int J current micro biology and applied science	International	5.2

7.3 Details of Electronic Media Produced

KVK Name	Type of media (CD/DVD)	Title of the programme	Number
Kanker	-	-	-

8. Production and supply of Technological products

8.1 SEED production

KVK Name	Crop Category	Name of Crop	Variety	Unit of Quantity	Value of Quantity	Value (Rs.)	Provided to no. of Farmers/Society	Expected area coverage (ha.)
Kanker	Foundation	Wheat	MP 1203	Quintal	5.76	14400	1	5.76
Kanker	Foundation	Linseed	RLC 92	Quintal	7.00	38500	1	28
Kanker	Foundation	Rice	Chandrasahini	Quintal	92.90	215992	1	93
Kanker	Foundation	Rice	MTU 1010	Quintal	17.05	39641	1	17
Kanker	Certified seed	Rice	MTU 1010	Quintal	40.30	93697.5	1	40
Kanker	Foundation	Rice	IGKV R-1	Quintal	67.58	145297	1	68
Kanker	Foundation	Minor millet	Chhattisgarh Ragi 1	Quintal	4.32	12960	1	17

8.2 Planting Material production

KVK Name	Crop Category	Name of Crop	Variety	Nos.	Value (Rs.)	Provided to no. of Farmers/Society	Expected area coverage (ha.)
Kanker	Fruit	Mango, Dashari	Mango, Dashari	480			
Kanker	Fruit	Mango, Amrapali	Mango, Amrapali	250			
Kanker	Fruit	Mango, Langra	Mango, Langra	500			
Kanker	Fruit	Mango, Malika	Mango, Malika	58			
Kanker	Flower	Guava, L 49	Guava, L 49	1200			
Kanker	Flower	Marigold, Pusa Narangi	Marigold, Pusa Narangi	5000			
Kanker	Flower	Zinia, Zahar mix	Zinia, Zahar mix	5000			
Kanker	Flower	Rajnigandha, Kalkatta Single	Rajnigandha, Kalkatta Single	2000			
Kanker	Vegetable	Brinjal, Pusa Syamla	Brinjal, Pusa Syamla	5000			
Kanker	Vegetable	Tomato, Arka Rakshak	Tomato, Arka Rakshak	4500			
Kanker	Vegetable	Cauliflower, Early kunwari	Cauliflower, Early kunwari	8910			
Kanker	Vegetable	Cabbage, NS-160	Cabbage, NS-160	9520			
Kanker	Vegetable	Tomato, Arka Rakshak	Tomato, Arka Rakshak	4238			
Kanker	Vegetable	Water melon, Augusta	Water melon, Augusta	2600			
Kanker	Vegetable	Brinjal, VNR-212	Brinjal, VNR-212	6200			
Kanker	Flower	Marigold, Narayanpuri local	Marigold, Narayanpuri local	10000			
Kanker	Flower	Zinia, Zahar box	Zinia, Zahar box	3000			
Kanker	Flower	Duranta, Local	Duranta, Local	1000			
Kanker	Flower	Eklipha, Lcoal	Eklipha, Lcoal	1000			

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

* Name of product should follow same pattern

KVK Name	List of Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (in Kg)	Qty (in No.)	Value (Rs.)	Provided to no. of Farmers	Expected area coverage (ha.)
Kanker	Bio Fertilisers	Non Symbiotic Azotobacter					
Kanker	Bio Fertilisers	Vermicompost	2800		16800	0	2
Kanker	Bio Fertilisers	Azolla	120			0	0
Kanker	Bio Fertilisers	Earthworms					
Kanker	Bio Fertilisers	Compost					
Kanker	Bio Fertilisers	Blue green algae					
Kanker	Bio Fertilisers	NADEP					
Kanker	Bio Fertilisers	Sanjeevani Khad					
Kanker	Bio Fertilisers	Acetobactor					
Kanker	Bio Fertilisers	Aspergillus					
Kanker	Bio Fertilisers	Azotobactor					
Kanker	Bio Fertilisers	Azospirillum					
Kanker	Bio Fertilisers	Phosphate solublizing Bacteria					
Kanker	Bio Fertilisers	Rhizobium					
Kanker	Bio Fertilisers	Other (pl. sp.)					
Kanker	Bio-Food	Spirulina					
Kanker	Bio-Food	Honey					
Kanker	Bio-Food	Any Other (pl. sp.)					
Kanker	Bio Pesticides	Neem extract					
Kanker	Bio Pesticides	Neem powder					
Kanker	Bio Pesticides	Tobacco extract					
Kanker	Bio Pesticides	Trichoderma viride	6000		0	0	0
Kanker	Bio Pesticides	Trichoderma harjinum					
Kanker	Bio Pesticides	Trichogramma chilonis					
Kanker	Bio Pesticides	Beauveria bassiana					
Kanker	Bio Pesticides	Metarhizium anisopliae					
Kanker	Bio Pesticides	Pseudomonas fluorescens					

KVK Name	List of Major Group Bio agent/Bio fertilizers/Bio Pesticides	Name of the Product	Qty (in Kg)	Qty (in No.)	Value (Rs.)	Provided to no. of Farmers	Expected area coverage (ha.)
Kanker	Bio Pesticides	SINPV					
Kanker	Bio Pesticides	HaNPV					
Kanker	Bio Pesticides	GF1					
Kanker	Bio Pesticides	Baco Lures					
Kanker	Bio Pesticides	Heli Lures					
Kanker	Bio Pesticides	Leucin Lures					
Kanker	Bio Pesticides	Paecilomyces					
Kanker	Bio Pesticides	Panchagavya					
Kanker	Bio Pesticides	Verticillium					
Kanker	Bio Pesticides	Any other (Pl. Specify)					
Kanker	Bio Agents (Tricho card)	Trichogramma chilonis					
Kanker	Bio Agents (Tricho card)	Chrysoperla carnea					
Kanker	Bio Agents (Tricho card)	Tricho card					
Kanker	Bio Agents (Pyrilla parasitoids)	Any other (Pl. Specify)					
Kanker	Bio Agents (Pyrilla parasitoids)	Ooincirtus papilionis					
Kanker	Bio Agents(Worms)	Epiricania melanolauca					
Kanker	Bio Agents(Worms)	Assinia foetida					
Kanker	Bio Agents(Worms)	Eudrilus eugeniae					
Kanker	Bio Agents(Worms)	Euclnia Uginae					
Kanker	Bio Agents(Worms)	Eisenia foetida	10		5000	20	0
Kanker	Bio Agents(Worms)	Earth worm					
Kanker	Bio Agents(Worms)	Any other (pl. specify)					
Kanker	Others	Mushroom spawn					
Kanker	Others	Mineral Mixture					
Kanker	Others	Cow dung (dry)	10000		0	0	0
Kanker	Others	Any other (pl. specify)					

8.4 Livestock and fisheries production

KVK Name	Type	Name of the animal / bird / aquatics	Breed	Type of Produce	Quantity		Value (Rs.)	No. of Beneficiaries
					unit	qty		
Kanker	Dairy animals	Cow	Gir, Sahiwal	Milk	liter	5270	210800	
Kanker		Calves						
Kanker		Goats	Sirohi graded	Kid	number	10	40000	
Kanker		Buffaloes						
Kanker		Sheep						
Kanker		Breeding bull	Gir	Bull	number	1	60000	
Kanker		(Pl. Specify)						
Kanker	Poultry	Poultry	Kadakhath	Chicks	number	49229	2736460	
Kanker		Japanese quail		Chicks	number	4330	43300	
Kanker		Japanese quail eggs						
Kanker		Ducks	White pekin, khakhi campbell	Duckligs	number	45	2250	
Kanker		Turkey						
Kanker		(Pl. Specify)						
Kanker	Piggery	Piglets						
Kanker		Boar						
Kanker		Sow						
Kanker		(Pl. Specify)						
Kanker	Rabbitry	(Pl. Specify)						
Kanker	Fisheries	Indian carp	Rohu, Katla	Fish	qt	1	20000	
Kanker		Exotic carp						
Kanker		Ornamental fish						
Kanker		Other (Pl. Specify)						

9. Activities of Soil and Water Testing Laboratory

9.1 Details of soil samples analyzed during Jan to Dec. 2019 :

KVK Name	Status of establishment of Soil testing Laboratory (Y/N) and year, if yes	Soil Testing Kits till date		No of soil samples		No. of Samples analyzed			No. of Farmers benefited			No. of Villages covered	Amount realized	Soil health card distributed to the farmers by KVK (Nos)	
						by KVKs		By Department	By KVK		By Department			Through Mini Soil Testing kit	Through Soil testing laboratory
		Collected by KVKs	Provided by Dept./ DDA	Mini Soil Testing kit	Soil testing laboratory	Mini Soil Testing kit	Soil testing laboratory								
								Sanctioned	Procured						
KVK, Kanker	1	1	1	276	0	267	0	4349	276	0	1935	16	0	0	0

9.2 Details of water samples analyzed so far :

KVK Name	No. of Samples	No. of Farmers	No. of Villages	Amount realized	Test report distributed to the farmers (Nos)
Kanker	0	0	0	0	0

10. Rainwater Harvesting

10.1. Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	Client (PF/RV/EF)	No. of Courses	No. of Participants								
					SC		ST		Other		General		Total
					Male	Female	Male	Female	Male	Female	Male	Female	
1	10-07-19	Training on Rain Water Harvesting and conservation	PF/RV/EF	1	2		29	1	15	2	3		52

10.2. Information of Visit in Rainwater Harvesting Demonstration Unit

Name of KVK	No. of Training programmes under Rain water Harvesting	No. of Demonstration s	No. of plant materials produced	Visit by farmers (No.)	Visit by officials (No.)
Kanker	1	1	70456	52	6

11. Training Programmes on Micro irrigation (Drip and Sprinkler)

Name of KVK	Date	Title of the training course	Client	No. of Courses	No. of Participants								
					SC		ST		Other		General		Total
					Male	Female	Male	Female	Male	Female	Male	Female	
Kanker	14.03.2019 to 08.04.2019	Micro Irrigation technician		1			16	1	2	1			20

12. Utilization of Farmers Hostel facilities

KVK Name	Months	Year	No. of trainees/ farmers/ visitors stayed	Duration of Stay (days)	Reason for vacant farmers hostel (if any)	Accommodation available in F.H. (No. of beds)
Kanker	August	2019	24	1 day		No Available
Kanker	September	2019	20	2 days		No Available
Kanker	October	2019	28	3 days		No Available

13. 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
Kanker	NA	NA	NA	NA	NA

14. Details of SAC Meeting during Jan to Dec. 2019

KVK Name	Date of SAC meeting 2019	No. of SAC members (only) attended	Major action points*
Kanker	03.11.2019	33	

*Attached separate file.

15. Footfall of farmers in KVKs (Jan. 2019 to Dec. 2019)

Name of KVK	Footfall during 2019			
	No. of Farmers	No. of officials	No. of VIPs	Total
Chhattisgarh	Kanker	10362	280	18

*Separate JPEG Photographs (2-3 only)

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

KVK Name	Thematic area	Particulars	No. of Calls	No. of messages sent	No. of Beneficiary		Total No of Villages	No of Village Covered	Sponsoring agency (NIC, Farmers Portal, etc.)	Major recommendations
					Farmers	Ext. Pers.				
Kanker	Crop Management	Crop Production Technology	150	6	25229	284	1065	1065	Farmers Portal M-KISAN	
Kanker	Crop Management	Integrated Farming								
Kanker	Crop Management	Field Preparation	10	1	25229	284	1065	1065	Farmers Portal M-KISAN	
Kanker	Crop Management	Any Other (Specify)								
Kanker	Weather	Advisory	64	1	25229	284	1065	1065	Farmers Portal M-KISAN	
Kanker	Weather	Change in variety								
Kanker	Weather	Change in Sowing technique	25	1	25229	284	1065	1065	Farmers Portal M-KISAN	
Kanker	Weather	Climate forecast								
Kanker	Weather	Any Other (Specify)								
Kanker	Soil Management	Soil Testing	40	1	25229	284	1065	1065	Farmers Portal M-KISAN	
Kanker	Soil Management	INM	5	1	25229	284	1065	1065	Farmers Portal M-KISAN	
Kanker	Soil Management	Fertilizer Application	20	2	25229	284	1065	1065	Farmers Portal M-KISAN	
Kanker	Soil Management	Vermicomposting/ bio-waste recycling	60	1	25229	284	1065	1065	Farmers Portal M-KISAN	
Kanker	Soil Management	Bio-fertilizer								
Kanker	Soil Management	Any Other (Specify)	8	3	25229	284	1065	1065	Farmers Portal M-KISAN	
Kanker	Disease & Pest Management	Disease Management	118	4	25229	284	1065	1065	Farmers Portal M-KISAN	
Kanker	Disease & Pest Management	Pest Management								
Kanker	Disease & Pest Management	Preventive Advisory Disease Management								

KVK Name	Thematic area	Particulars	No. of Calls	No. of messages sent	No. of Beneficiary		Total No of Villages	No of Village Covered	Sponsoring agency (NIC, Farmers Portal, etc.)	Major recommendations
Kanker	Disease & Pest Management	Preventive Advisory Pest Management								
Kanker	Disease & Pest Management	Bio-pesticides								
Kanker	Disease & Pest Management	Any Other (Specify)								
Kanker	Nutrition Security & Women Empowerment	Nutrition Awareness								
Kanker	Nutrition Security & Women Empowerment	Kitchen garden	52	1	25229	284	1065	1065	Farmers Portal M-KISAN	
Kanker	Nutrition Security & Women Empowerment	Value Addition and Processing								
Kanker	Nutrition Security & Women Empowerment	Drudgery Reduction								
Kanker	Nutrition Security & Women Empowerment	Entrepreneurship & Income Generation								
Kanker	Nutrition Security & Women Empowerment	Advisory								
Kanker	Nutrition Security & Women Empowerment	Any Other (Specify)								
Kanker	Horticulture	Vegetable	21	1	25229	284	1065	1065	Farmers Portal M-KISAN	
Kanker	Horticulture	Fruit	13	1	25229	284	1065	1065	Farmers Portal M-KISAN	
Kanker	Horticulture	Hi Tech Horticulture	9	1	25229	284	1065	1065	Farmers Portal M-KISAN	
Kanker	Horticulture	Any Other (Specify)								
Kanker	Livestock	Feed and Fodder	11	1	25229	284	1065	1065	Farmers Portal M-KISAN	
Kanker	Livestock	Dairy Management	18	2	25229	284	1065	1065	Farmers Portal M-KISAN	
Kanker	Livestock	Fisheries								
Kanker	Livestock	Poultry Management	125	2	25229	284	1065	1065	Farmers Portal M-KISAN	
Kanker	Livestock	Vaccination & Disease management	48	2	25229	284	1065	1065	Farmers Portal M-KISAN	
Kanker	Livestock	Any Other(Specify)								
Kanker	Farm Mechanization	Farm Mechanization	24	1	25229	284	1065	1065	Farmers Portal M-KISAN	
Kanker	Extension	Extension								
Kanker	Organic Farming	Organic Farming								
Kanker	Marketing	Marketing								
Kanker	Awareness	Awareness								
Kanker	Other Enterprise	Other Enterprise								
Kanker	Any Other(Specify)	Any Other(Post Harvest Technology)	12	1	25229	284	1065	1065	Farmers Portal M-KISAN	

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

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Name of activities organized	Name of operational Area and acreage (ha.)	Present status (Functional/Non functional)
Kanker	DAISE Programme	State	1399342	Conduct for one year Diploma Course for input dealers	KVK	Functional
Kanker	Approach road to farmer hostel	State	150000	Filling of Muroom at Approach road	KVK	Functional
Kanker	Awareness programme on Fall Army worm workshop	Central	180000	workshop cum training	KVK	-
Kanker	Development of Spices and aromatic plants	Central	201597	FLD and Seed production	2 ha, Village - Largaon, Kotela	-
Kanker	NHB Training of Farmers	Central	60000	Training	40 farmers, KVK	-
Kanker	BIO Control	Central	200000	Training and Demonstration	100 farmers, KVK	-
Kanker	AICRP (TSP) Soybean	Central	500000	Training and Demonstration	100 farmers, village - Vyaskongera, Ghotulmunda	-
Kanker	Enterpreneurship development through production process and value addtion of locally available agricultural produce for empowering tribal women in CG	Central	658300	Training and Demonstration	Kanker and Charama Block	-
Kanker	Establishment of mother orchard for propagation of quality planting material of fruit crops in tribal region of Cg	Central	630000	Training and Demonstration	Narhar pur and Kanker Block	-
Kanker	Livelihood opportunity for doubling farmers income through Agri allied Enterprises in Tribal Regions of Chhattisgarh	Central	966050	Training and Demonstration	Kanker block	-
Kanker	Extension/Skill Training for Rural Youth (STRY)	Central	84000	Skill Training	Kanker and Narharpur Block	-
Kanker	MLT on December planting Colocasia genotypes at different location of Chhattisgarh	Central	10000	Demonstration	KVK	-
Kanker	Agricultural Marketing Infrastructure Scheme (AMIS)	Central	17300	workshop cum training	KVK	-

18. Status of Contingency Utilization Jan-Dec-2019

Name of KVK	Total Contingency allotted (Rs.)	Fund used by KVKs (Rs)			Balance (Rs.)
		Activities	No of Activities	Exp (Rs)	
Kanker	1300000	OFT		39000	606.00
		FLD (other than CFLD)		112000	
		Training		180000	
		Extension Activities		240000	
		SAC Meeting		20000	
		Special Programme (Parthenium day, Environment day)		200000	
		Others (Pl. Specify)		508394	

19. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance on 01 .01.2019 (Rs.)	Closing balance 31.12.2019 (Rs.)	Name of major source of revolving fund
Kanker	31761245093	2123473.46	2069530.66	Kadaknath chicks, seed, Milk, vermicompost, Mushroom spawn, Planting material

20. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Award category (local/ Regional/ National)	Awarding Organizations	Amount received
Kanker	Swami Sahajanand Saraswati Outstanding Extension Scientist Award 2018/Dr. Birbal Sahu	Individual	National	50000	Kanker
Kanker	Application for Pandit Deen Dayal Upadhyay Antyodaya Krishi Puruskar/ Smt. Lekesh Bai	Individual	Zonal	25000	Kanker
Kanker	Krishak Ratna Samman/Shri Pravin Dehari	Farmer	Krishak Samridhi		Kanker
Kanker	Krishak Ratna Samman/Shri Shishupal Potai	Farmer	Krishak Samridhi		Kanker
Kanker	Krishak Ratna Samman/Shri Chitrakant Sahu	Farmer	Krishak Samridhi		Kanker
Kanker	Krishak Ratna Samman/Shri Neeraj Gupta	Farmer	Krishak Samridhi		Kanker
Kanker	Krishak Ratna Samman/Shri Himanshu Sahu	Farmer	Krishak Samridhi		Kanker

21. Details of Crop cafeteria in Agro-technological Park in your KVK.

Area covered under crop cafeteria (sq. meter)	Type of crop (Cereals, Pulses, Oilseeds, Vegetables, medicinal, Spices, fruits etc.)	Name of crop	Name (s) of variety	Name of best variety of concerned crop
60 sqf	Cereals	Rice (Kharif)	Swarna, Dubraj, Indira Sugandhit, Bamleshwari, Durgeshwari, Rajeshwari, Indira Barani, MTU 1010, Karma Masuri, Mahamaya, Shyamala, Jira phool, V Pusa Sugandh, C.R. 40, Jaldubi, Purnima, Danteshwari, Sahbhagi dhan	Low Land - Swarna, Mid land - Rajeshwari, Upland - MTU 1010
60 sqf	Oilseed	Linseed	RLC 92, Indira Alsi 32, Kartika, Kiran, R 552	RLC 92
60 sqf	Cereals	Wheat	HI 1544, Kanchan, Ratan, GW 366, HI 1531, HI 8627, HI 8713	Ratan

22. Farm Innovators- list of 10 Farm Innovators from the District

Sr. No.	Name of KVK	Name of Farm Innovator	Name of the Innovation	Address of the farm innovator with pin code	Mobile No.
1	Ku. Neera Salam	Mushroom Grower	Village -Pujaripara Block Durgukondal, District - Kanker	7067102627	Ku. Neera Salam
2	Shri Pravin Dehari	Mobile operated tubewell	Village - Nawagaon Bhavgir, Block Kanker	8349992555	Shri Pravin Dehari
3	Shri Purshottam Mandavi	Lac production on Semialata	Village – Tirkadank , Block Charama District Kanker Mo. 7587026328	7587026328	Shri Purshottam Mandavi
4	Shri Asharam Netam	IFS Model	Village – Bewarti, Blcok Kanker, District Kanker Mo. 9406106911	9406106911	Shri Asharam Netam
5	Smt Lekesh bai	IFS Model	Village - Thanabodi, Block Kanker, District Kanker Mo. 9098150009	9098150009	Smt Lekesh bai
6	Shri Lakkhu ram	IFS Model & Community Nursery	Village – Mohpur, Block Kanker District Kanker Mo. 8120664142	8120664142	Shri Lakkhu ram
7	Shri Dilip Sonkar	Growing of vegetable with Drip system	Village - Largaon-Markatola, Block - Narharpur, District – Kanker Mo. No. – 9009941620	9009941620	Shri Dilip Sonkar
8	Shri Vijay Mandavi	Growing of vegetable with Drip system	Village – Ratesara, Block - Charama, District – Kanker Mo. No. – 9425593844	9425593844	Shri Vijay Mandavi
9	Shri Krishna Nishad	Growing of vegetable with Drip system, Poultry	Village – Babudabena, Block - Kanker, District – Kanker Mo. No. – 09754389122	9754389122	Shri Krishna Nishad
10	Shri Lallu Ram Kureti	IFS Model	Village – Aturgaon, Block – Kanker, District – Kanker Mo. No. – 9479007412	9479007412	Shri Lallu Ram Kureti

23. KVK interaction with progressive farmers

KVK Name	Date and month of interaction programme with progressive farmers	No. of progressive farmers participated
Kanker	07-05-19	21
Kanker	28-06-19	24
Kanker	31-07-19	28
Kanker	18-11-19	32

24. Outreach of KVK

Name of KVK	Total number of Block/villages in district		Number of Blocks		Number of Villages	
	Block	Village	Intensive	Extensive	Intensive	Extensive
Kanker	7	1065	3	7	22	1065

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, and Awareness programmes etc.

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

KVK Name	Name of crop under Technology demonstration	Area under the programme/ Demonstration	No. of Farmers benefited	No of Villages Covered	No. of Extension Activities	No. of Farmers benefited by extension activities	Results/ Observation*
Kanker	Chickpea, Improved variety RVG 202 with Line sowing, Seed Treatment, Weed management and IPM	30 ha	100	3	4	100	

26. KVK Ring

KVK Name	Name of Ring Partner	Name of activities/Events organized in collaboration	No. of Participants		Lessons learnt/ Experiences gained.
			Your KVK	Other KVK	
Kanker	Kanker, Jagdalpur, Narayanpur, Kondagaon	Training, Demonstration, Field visit, Miner millet processing	100	300	Practical, Demonstration of different farming system models and tuber crops and medicinal crops

27. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	ICAR	SAUs	Others	Remarks
Kanker	Dr. S. S. Tomar	19-01-19			DAC & FW GOI	
Kanker	Dr. V. S. Singh	19-01-19	Director DRD, Patna			
Kanker	Dr. H. P. Singh	18-02-19	DDG Horti ICAR			
Kanker	Dr. S. S. Sengar	26-03-19		Director Farm, IGKV		
Kanker	Dr. N. P. Dakshinkar	05-04-19			VC. CGKV, Durg	
Kanker	Dr. R. K. Bajpai	11-05-19		DRS, IGKV		
Kanker	Dr. (Mrs.) Om Gupta	30-05-19		DES, JNKV, Jabalpur		
Kanker	Dr. R. N. S. Banafer	30-05-19		DES, RVSKVV, Gwalier		
Kanker	Dr. Sain Das	31-07-19	Ex. Director Maize ICAR			
Kanker	Dr. M. Soka	05-12-19			CGM, NABARD, Raipur	

28. Status of KVK Website during Jan to Dec. 2019

S.No	Name of KVK	Date of start of website	Address of Website	No. of updates during 2019	No. of visitors during 2019
Kanker	01-Jun-13	www.kvkkanker.org	Forty Five time	10403	Kanker

29. Status of Mobile Apps developed by KVK

Name of KVK	Year	Title of Mobile App	Link to Play Store	No. of Installs
Kanker	-	-	-	-

30. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals	Remarks
1	Kanker	2	0	

31. Status of Citizen Charter

Sr. No.	Name of KVK	Query received(Nos)	Query Disposed(Nos)	Remarks
1	Kanker	-	-	-

32. Participation in HRD Programmes organized by ATARI

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

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

33. Participation in HRD Programmes organized by DES

Name of KVK	Name of Staff	Post held	Programme attended (Nos)	Remarks
Kanker	Upendra Kumar Nag	Subject Matter Specialist (Plant Pathology)	01	

Name of KVK	Total Number of staff Attended HRD Programmes organized by DES (nos)	Total Number of Programmes attended (Nos)
Kanker	01	01

34. Participation in HRD Programmes by KVK Staff (Refresher course, Short course, Training programme etc.)

Name of KVK	Name of Staff	Post held	Programmes attended (Nos)	Duration (days)	Type of HRD activities (Refresher course/CAFT/Summer winter school/short course)
Kanker	Dr. Komal singh Keram	Subject Matter Specialist (Soil Science)	01	21	CAFT

Name of KVK	Total Number of staff Attended HRD Programmes by KVK staff (nos)	Total Number of Programmes attended (Nos)
Kanker	01	01

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

Name of KVK	Situation observed	Date of Alert sent	Type of alert (KMA,	Reported to organization
Kanker	Attack of Fall Army worm in Maize	03-08-19	KMA, Whatsapp	ZPD, SAU, Agri Deptt.
Kanker	Attack of Fall Army worm in Maize	13-08-19	KMA, Whatsapp	ZPD, SAU, Agri Deptt.

36. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock /technology
Kanker	Gosthies	1	53	Crop
Kanker	Lectures organized	2	65	Crop
Kanker	Exhibition	1	108	-
Kanker	Film show	1	78	crop and live stock
Kanker	Fair			
Kanker	Farm/ Field Visit	3	118	
Kanker	Diagnostic Practical's			
Kanker	Distribution of Literature (No.)			
Kanker	Distribution of Seed (q)			
Kanker	Distribution of Planting materials (No.)			
Kanker	Bio Product distribution (Kg)			
Kanker	Distribution of Bio Fertilizers (q)			
Kanker	Distribution of fingerlings			
Kanker	Distribution of Livestock specimen (No.)			
Kanker	Total number of farmers visited the technology week			
Kanker	Animal health camp			
Kanker	Awareness programme			
Kanker	Demonstration	5	287	
Kanker	Exposure visit			
Kanker	Ex-trainees Meet			
Kanker	Farmer scientist interaction			
Kanker	Farmers Training			

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock /technology
Kanker	Gajarghans Unmulan Pakhwada			
Kanker	Group Meeting			
Kanker	Jai Kisan Jai Vigyan Sangoshthi			
Kanker	Plant Protection Week			
Kanker	Seed treatment campaign			
Kanker	Self Help Group convener meet			
Kanker	Soil health Camp			
Kanker	Swachha Bharat Abhiyan			
Kanker	Others (Pl. Specify)			

37. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Name of KVK	Crops	Variety	Area (ha)	Number of beneficiaries
Kanker	Chickpea	JAKI 9218	32	68
Kanker	Linseed	RLC 92	45	110

Farmers-scientists interaction on livestock management

Name of KVK	Livestock components(Breeding/Feeding/ Health/ Housing)	Number of interactions	No. of participants
kANKER	Housing and health management	02	173

Animal health camps organized

Name of KVK	Number of camps	No. of animals Attended	No. of farmers Benefitted
Kanker	2	298	147

Seed distribution in drought hit area

Name of KVK	Crops	Quantity (qtl)	Coverage of area (ha)	Number of farmers
Kanker	Chickpea	25.6	32	68
Kanker	Linseed	11.25	45	110

Seedlings and Saplings distributed

Name of KVK	Crops	Quantity (No.s)	Coverage of area (ha)	Number of farmers
Seedlings				
Kanker	-	-	-	-
Saplings				
Kanker	-	-	-	-

Bio-control Agents

Name of KVK	Bio-control Agents	Quantity (q)	Coverage of Area (ha)	No. of farmers
Kanker	Trichoderma	1.5	12	30
Kanker	Neem based insecticide	15 l	12	30
Kanker	Pseudomonas	100 l	20	42

Bio-Fertilizer

Name of KVK	Bio-Fertilizer	Quantity (kg)	Coverage of Area (ha)	No. of farmers
Kanker	Rhizobium culture	80	80	210
Kanker	PSB	60	80	190

Worms Produced

Name of KVK	Worms Produced	Quantity (q)	Coverage of Area (ha)	No. of Farmers
Kanker	Vermicompost	0.6	0	18

Large scale adoption of resource conservation technologies

Name of KVK	Crops	Variety	list of resource conservation technologies introduced	Area (ha)	Number of farmers
Kanker	Rice		Line sowing	20	52
Kanker	Black gram		Line sowing	10	25

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
Kanker	3	150	2	125							3	150

38. Activities for Sansad Adarsh Gram

Information about Sansad Adarsh Gram

Name of KVK	Block	Village
Kanker	-	-

1. Technologies to be Demonstrated

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

2. Extension Activities

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

3. Training Programme

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

39. (a) Case study / Success Story– (best two only in the following format in separate file attached)

Name of the KVK	Kanker
TITLE	Lac cultivation on Semialata
Introduction	Shri Purshottam Mandavi have 5 acre land of fore father and grow paddy as traditional method. Once upon a time, he had cultivated kusumi lac but after taking training at Krishi Vigyan Kendra Kanker and Indian Lac and Gum Research Centre Ranchi, he decided to cultivate Semialata, Galwang and planted semialata in 1 acre with the help of temporary management of irrigation and rest of the 4 acre lands are used for growing of paddy crop. After one year of semialata plantation the earned more income as compared to 4 acre paddy crop. Now a days, he is practicing semialata cultivation almost 4 acre by digging borewell. As a result he has purchased 1 acre land, 1 Tractor, TV and motor cycle also.
KVK intervention	Training, Financial Assistant for establishing Micro irrigation (Drip)
Output	Per acre profitability enhanced 2.5 times
Outcome	His income increased Ten times i.e. Rs. 72000.00 per annum to Rs. 896000.00 per annum
Impact	His living standard increased he purchased Tractor, Motor Cycle, Providing employment to 2-3 person throughout the year

Name of the KVK	Kanker
TITLE	Integrated Farming system
Introduction	Shri Lakhu ram Vatti Practicing Integrated Farming System in his 1.6 ha land. Previously he was cultivating traditionally rice crop and he come in contact with KVK Scientist and got training on IFS and started different interprises i.e. Poultry, goatry, Lac , Fish cum Duck, Pigery in his 4.00 acre land
KVK intervention	Training, Financial Assistant for establishing Micro irrigation (Drip), Pond
Output	Per acre profitability enhanced 2.5 times, Earning regular income throughout the year
Outcome	His income increased 2.5 times i.e. Rs. 146000.00 per annum to Rs. 388800.00 per annum
Impact	His living standard increased he purchased Tractor, Motor Cycle and loading vehicle, Providing employment to 2-3 person throughout the year

Name of the KVK	Kanker
TITLE	Nutritional Garden
Introduction	Previously in the Schools vegetables growing where not a common and Farmer's field they are used to grow vegetables in Non- Scientific way and also there was no such approaches to grow vegetables in Nutritional garden in a scientific way by which we can make avail the vegetables for around the year. KVK Kanker has designed an ideal Nutritional garden which contains vegetables and fruits like Banana, Papaya and Drumstick etc. to fulfil the daily vegetable requirements of 4 to 5 members family as well as in schools in 300 sq.m area. Scientific vegetable cultivation in schools were started with a view that 70 to 80 percent schools having source of water (tube well or hand pump) and manpower (one peon/hostel warden).
KVK intervention	Designed ideal nutritional garden, Organized training programme for School, Anganbadi Staff
Output	On an average 715 to 748 kg vegetables were produced in each school and in demonstration plot respectively in 10 months.
Outcome	Due to replication of Nutrition garden in schools fresh and organic vegetable are available for students as well as saving an amount of Rs. 12000/- per school in six months. Besides seasonal vegetables perennial vegetables like Jackfruit, Drum steak, and fruits Papaya, Banana, Guava were also planted which provide regular fruits and vegetable
Impact	At present 70 schools of Kanker district implementing the technology, Due to success of this technology in the district the Chief Secretary Govt. of C.G. instructed to all district Collectors for implementation of this technology in whole Chhattisgarh state.

❖ **2-3 Photographs with caption in .jpeg format.**

(b) Summary of Case study / Success Story developed by KVK

Sr. no.	Name of KVK	No. of success stories	No. of case studies
1	KVK, Kanker	02	01

40. Well labeled Photographs in .jpeg format with high resolution (300 dpi) of each activity of the KVK. (Separately) (pl don't paste photo in word file)