

JAWAHAR LAL NEHRU KRISHI VISHWA VIDHYALAYA
**KRISHI VIGYAN KENDRA,
TIKAMGARH (M.P.)**



Revised (17 Feb 2012)
ANNUAL ACTION PLAN
2012-13

(2-3 Feb, 2012 at Zonal Project Directorate, Zone –VII, ICAR, JNKVV, Jabalpur)

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PERIOD – April 2012 to March, 2013

Summary of the activities

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/beneficiaries	Number of activity	No. of farmers/beneficiaries	
Tikamgarh	OFTs	25	125	-	-	-
Tikamgarh	FLDs – Oilseeds (activity in ha)	10	24	-	-	-
Tikamgarh	FLDs – Pulses (activity in ha)	21	52	-	-	-
Tikamgarh	FLDs – Cotton (activity in ha)	-	-	-	-	-
Tikamgarh	FLDs – Other than Oilseed and pulse crops(activity in ha)	16	160	-	-	-
Tikamgarh	FLDs – Other than Crops (activity in no. of Unit/Enterprise)	09	90	-	-	-
Tikamgarh	Training-Farmers and farm women	69	1725	-	-	-
Tikamgarh	Training-Rural youths	15	450	-	-	-
Tikamgarh	Training- Extension functionaries	06	150	-	-	-
Tikamgarh	Extension Activities	27	5400	-	-	-
Tikamgarh	Seed Production (Number of activity as seeds in quintal)	-	-	-	-	-
Tikamgarh	Planting material ((Number of activity as quantity of planting material in quintal)	05	100	-	-	-
Tikamgarh	Seedling Production (Number of activity as number of seedlings in numbers)	07	150	-	-	-
Tikamgarh	Sapling Production (Number of activity as number of sapling in numbers)	04	100	-	-	-
Tikamgarh	Other Bio- products (No. of quantity)	-	-	-	-	-
Tikamgarh	Live stock products	-	-	-	-	-
Tikamgarh	Activities of Soil and Water Testing Laboratory	350	150	-	-	-
Tikamgarh	Rainwater Harvesting System	07	142	-	-	-
Tikamgarh	Kisan Mobile Advisory (KVK-KMA)	116	1000	-	-	-
Tikamgarh	SAC Meeting (Date & no. of core/ official members)	02	50	-	-	-
Tikamgarh	Literature to be Developed/Published	08	20,000	-	-	-
Tikamgarh	Convergence programmes / Sponsored programmes	35	790	-	-	-
Tikamgarh	Utilization of Farmers Hostel	30	1,200	-	-	-
Tikamgarh	Utilization of Staff Quarters	-	-	-	-	-
Tikamgarh	Details of KVK Agro-technological Park	24	1,000	-	-	-
Tikamgarh	Crop Cafeteria-	15	1,000	-	-	-
Tikamgarh	Farm Innovators- list of 10 farm innovators from the District	01	-	-	-	-
Tikamgarh	Status of Revolving Funds	-	-	-	-	-
Tikamgarh	Awards and Recognitions	-	-	-	-	-

KVK Name	Activity	Target		Achievement		Total value of resource generated/Fund received from diff. sources (Rs.)
		Number of activity	No. of farmers/beneficiaries	Number of activity	No. of farmers/beneficiaries	
Tikamgarh	Case study / Success Story to be developed	02	-	-	-	-
Tikamgarh	KVK Progressive Farmers interaction	02	-	-	-	-
Tikamgarh	Outreach of KVK in the District (No. of blocks, no. of villages)	06(171)	8550	-	-	-
Tikamgarh	Technology Demonstration under Tribal Sub Plan	-	-	-	-	-
Tikamgarh	KVK Ring	03	-	-	-	-
Tikamgarh	Important visitors to KVK	-	-	-	-	-
Tikamgarh	Status of KVK Website	Estbl	-	-	-	-
Tikamgarh	Status of RTI	-	-	-	-	-
Tikamgarh	E-connectivity	13	13	-	-	-
Tikamgarh	Details of Technology Week Celebrations	01	350	-	-	-
Tikamgarh	Interventions on Drought Mitigation	02	212	-	-	-
Tikamgarh	Proposal of NAIP	Yes	-	-	-	-
Tikamgarh	Proposal of NICRA	Yes	-	-	-	-
Tikamgarh	Well labeled photographs	Yes	-	-	-	-
Tikamgarh	Other Activities	-	-	-	-	-

1. GENERAL INFORMATION

1.1. Staff Position (31/01/2012)

Name of KVK.	Sanctioned post	Name of the incumbent	Discipline	Highest degree	Subject of Specialization	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/OBC/ Others)
Tikamgarh	Programme Coordinator	Vacant	-	-	-	-	-	-	-	-
Tikamgarh	Subject Matter Specialist	Sh.B.L.Sahu	Home Science	M.Sc. (Ag)	Food Science & Technology	15600-39100	17480	25.01.2007	Temp	OBC
Tikamgarh	Subject Matter Specialist	Dr.S.S.Gautam	Horticulture	P.h.D.	Vegetable Sc.	15600-39100	19350	31.01.2007	Temp	Others
Tikamgarh	Subject Matter Specialist	Dr.R.K.Prajapati	Plant Protection	P.h.D.	Plant Pathology	15600-39100	15600	01.02.2007	Temp	Others
Tikamgarh	Subject Matter Specialist	Dr.S.K. Khare	LPM	P.h.D.	Animal Nutrition	15600-39100	18320	05.02.2007	Temp	Others
Tikamgarh	Subject Matter Specialist	Dr.A.K.Dubey	Agril. Engg.	P.h.D.	Farm Machinery & Power	15600-39100	15600	10.10.2011	Temp	Others
Tikamgarh	Subject Matter Specialist	Vacant	-	-	-	-	-	-	-	-
Tikamgarh	Programme Assistant	Dr.R.K.Diwedi	Agronomy	P.h.D.	Crop Production	9300-34800	10230	20.04.2007	Temp	Others
Tikamgarh	Farm Manager	-	-	-	-	-	-	-	-	-
Tikamgarh	Computer Programmer	Sh.P.P. Padwar	Computer	B.E.	-	9300-34800	11520	01.04.2008	Temp	ST
Tikamgarh	Accountant / superintendent	Vacant	-	-	-	-	-	-	-	-
Tikamgarh	Stenographer	Vacant	-	-	-	-	-	-	-	-
Tikamgarh	Driver	Sh. B.K.Litoriya	-	HSC	-	5200-20200	6400	10.07.2008	Temp	Others
Tikamgarh	Driver	Sh. M.L.Chadar	-	HSC	-	5200-20200	6400	10.07.2008	Temp	SC
Tikamgarh	Supporting staff	Sh. A. H. John	-	HS	-	4440-7440	6730	15.03.1999	Temp	OBC
Tikamgarh	Supporting staff	Vacant	-	-	-	-	-	-	-	-

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

1.2.1. Description of Agro-climatic Zone & major agro ecological situations

S. No	Agro-climatic Zone	Characteristics
1	Name	Bundelkhand Zone (VIII – Zone)
2	District covered	Tikamgarh, Chhatarpur, Datia, part of Shivpuri and Guna
3	Topography	0-5% slope with small hillocks
4	Physiography	266 m to 560 m above MSL
5	Annual Rainfall (mm)	1001.1 mm
6	Temperature (Minimum)	4.50 °C (Dec), 30.1 °C (May)
7	Temperature (Maximum)	21.75 °C (Dec), 43.50 °C (May)

S. No	Agro-ecological situation	Characteristics
AES 1	Undulating topography with red soil (Ranker)	Eroded land, less ground water, very low soil depth, poor irrigation potential, crop production + Animal Husbandry + Horticulture. Major Crops – groundnut, black gram, soybean, wheat, pea, mustard, ginger, turmeric, colocasia, papaya and guava
AES 2	Plain to undulating black soil (Kabar / Mar)	Deep to shallow depth, sufficient ground water for irrigation potential for dug well and tube well, crop production + Animal Husbandry + Horticulture. Major Crops – gram, black gram, soybean, wheat, mustard, coriander, mango, citrus, brinjal, tomato and onion
AES 3	Plain to undulating sandy loam (Padua)	Mostly sandy and sandy clay loam, good to poor ground water, topography generally varies from plain to undulating condition. Major Crops – soybean, black gram, sesame, wheat, mustard, brinjal, tomato, onion, coriander, mango, guava and citrus.

1. 2.2. Soil Types :

S. No	Soil type	Characteristics	Area (ha in lac)
1	Padua (Medium Soils)	Soil are light gray in colour, well drained, better suited of all types of crops under irrigated conditions which covered two orders, vertisols and inceptisols	0.91 (36%)
2	Kabar/Mar (Heavy Soils)	The soil are black in colour, posses high moisture holding capacity and have integrated of Mont morrilonite, illite and chloride minerals which covered under the order of vertisols.	0.51 (20%)
3	Ranker (Light Soils)	The soils are generally red in colour and very light in textures. These soils are highly deficient in nutrients with very low moisture retaining capacity which covered under order entisols and inceptisols	1.11 (44%)

1.2.3. Area, Production and Productivity of major crops cultivated in the district (2012-13)

KHARIF CROPS				
S. No	Crop	Area(000, ha)	Production (000, tones)	Productivity (kg/ha)
1	Paddy	-	-	-
2	Sorghum	-	-	-
3	Maize	-	-	-
4	Black gram	-	-	-
5	Moong	-	-	-
6	Groundnut	-	-	-
7	Sesame	-	-	-
8	Soybean	-	-	-
RABI CROPS				
S. No	Crop	Area(000, ha)	Production (000, tones)	Productivity (kg/ha)
1	Wheat	-	-	-
2	Barley	-	-	-
3	Gram	-	-	-
4	Pea	-	-	-
5	Lentil	-	-	-
6	Mustard	-	-	-
FRUITS				
S. No	Crop	Area(000, ha)	Production (000, tones)	Productivity (t/ha)
1	Guava	-	-	-
2	Custard apple	-	-	-
3	Mango	-	-	-
4	Lime	-	-	-
5	Papaya	-	-	-
VEGETABLES				
S. No	Crop	Area(000, ha)	Production (000, tones)	Productivity (t/ha)
1	Garden pea	-	-	-
2	Potato	-	-	-
3	Tomato	-	-	-
4	Colocasia	-	-	-
5	Brinjal	-	-	-
6	Onion	-	-	-
7	Okra	-	-	-
SPICES				
S. No	Crop	Area(000, ha)	Production (000, tones)	Productivity (t/ha)
1	Ginger	-	-	-
2	Chilli	-	-	-
3	Coriander	-	-	-
4	Turmeric	-	-	-
5	Garlic	-	-	-

1.2.4. Production and productivity of livestock, Poultry, Fisheries etc. in the district (2012-13)

Category	Population	Production (mt)	Productivity
CATTLE			
Cow	-	-	- lit./Animal/day
Buffaloes	-	-	- lit./Animal/ day
SHEEP & GOAT			
Sheep	-	-	-
Goat	-	-	-
POULTRY			
Broiler	-	-	-/year
Poultry (Hen)	-	-	-/year

1.3. DETAILS OF ADOPTED VILLAGE during 1.4.2012 to 31.3.2013 (Approved by competent Authority in meetings/workshops)

KVK Name	Village Name	Year of adoption	Block Name	Distance from KVK	Population	Number of farmers (having land in the village)
Tikamgarh	Soyriyana	2012-13	Tikamgarh	30 Km	650	250
Tikamgarh	Nagara	2012-13	Tikamgarh	35 Km	1,000	500
Tikamgarh	Bigha	2012-13	Jatara	45 Km	700	145
Tikamgarh	Badamari	2012-13	Tikamgarh	15 Km	1,000	350
Tikamgarh	Nadia	2012-13	Jatara	55 Km	800	245
Tikamgarh	Kanti	2012-13	Tikamgarh	25 Km	950	155
Tikamgarh	Pahari Tilwaran	2012-13	Tikamgarh	10 Km	1,580	355
Tikamgarh	Surajpur	2012-13	Tikamgarh	14 Km	1,100	245
Tikamgarh	Bajrankheda	2012-13	Tikamgarh	08 Km	800	240
Tikamgarh	Mamon	2012-13	Tikamgarh	08Km	500	145
Tikamgarh	Bhopalpura	2012-13	Prathvipur	60 Km	1,100	246
Tikamgarh	Madiya	2012-13	Prathvipur	65 Km	1,500	850

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

KVK Name	THRUST AREA
Tikamgarh	Soybean - (i) Imbalance dose of fertilizers (ii) Insect Pest incidence (iii) Weed infestation
Tikamgarh	Wheat - (i) Balance dose of fertilizers (ii) Weed management (iii) Water management (iv) Termite management
Tikamgarh	Black gram - Integrated disease management
Tikamgarh	Gram - Integrated pest management
Tikamgarh	Jowar - Introduction of High Yielding varieties
Tikamgarh	Paddy - (i) Replacement of old varieties (ii) Integrated nutrient management (iii) Integrated weed management (iv) Water management
Tikamgarh	Mustard - (i) Integrated nutrient management (ii) Integrated pest management
Tikamgarh	Sesame - (i) Replacement of old varieties and enhancement of seed replacement rate
Tikamgarh	Ginger - (i) Seed replacement (ii) Integrated disease management
Tikamgarh	Chilli - (i) Disease management (ii) Introduction of hybrid seeds (iii) Nursery management
Tikamgarh	Potato - (i) Integrated nutrient management (ii) Integrated pest management (iii) Integrated disease management
Tikamgarh	Tomato - (i) Disease management (ii) Introduction of hybrid seeds (iii) Nursery management
Tikamgarh	Ber - Local varieties, top working and value addition
Tikamgarh	Papaya, Mango and Guava - (i) Value addition (ii) Introduction of New Varieties (iii) Nursery management
Tikamgarh	Live Stock - (i) Disease management (ii) Green Fodder (iii) Breed improvement (iv) Poultry management (v) Goatory management
Tikamgarh	Women in Agriculture – (i) Drudgery (ii) Mal nutrition (iii) Income generation (iv) Value addition
Tikamgarh	Agricultural Engineering – (i) Broad casting (ii) Lack of farm machinery
Tikamgarh	Natural resource management – (i) Unawareness about vermin compost (ii) FYM preparation (iii) Lack of soil & water conservation practices

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

KVK Name	Problem identified	Methods of problem identification	Location Name of Village & Block
Tikamgarh	Low yield of crops	PRA, Survey, joint workshop	All blocks & adopted villages
Tikamgarh	Unavailability of quality seeds/varieties	Survey, SAC meeting	All blocks & adopted villages
Tikamgarh	Indiscriminate use of pesticides	Survey, Interaction with farmers	All blocks & adopted villages
Tikamgarh	Imbalance use of fertilizers	Survey, Low consumption of fertilizers, farmers interaction	All blocks & adopted villages
Tikamgarh	Low yield of vegetables	PRA, Survey, Joint workshop	All blocks & adopted villages
Tikamgarh	Low yield of fruits crops	Farmers meeting, PRA, Meeting with horticultural officials	All blocks & adopted villages
Tikamgarh	Low yield of spices	Group discussion	All blocks & adopted villages
Tikamgarh	Degradation of resources	Land survey and field visit	All blocks & adopted villages
Tikamgarh	Nutritional insecurity ,Low income and high drudgery of farm women	Aganwadi, SAC meeting	All blocks & adopted villages
Tikamgarh	Low income due to lack of value addition	Market survey	All blocks & adopted villages
Tikamgarh	Low efficiency of farm machinery	PRA, Survey	All blocks & adopted villages
Tikamgarh	Low soil fertility	Soil campaign and sample testing report	All blocks & adopted villages
Tikamgarh	Low milk production due to non-descriptive animals	Animal Heath camp, Farmers discussion with farmers, Joint workshop with allied Deptt.	All blocks & adopted villages
Tikamgarh	Low efficiency in information delivery of information technology	Farmers meeting, interaction	All blocks & adopted villages

2. On Farm Testing

2.1 Information about OFT to be conducted

KVK name	Year/season	Problem diagnose	Category of technology (Assessment / Refinement)	Thematic Area	Crop/enterprise	Farming Situations	Target	No. of trials	Title of OFT	Results (with parameter)		Net Returns (Rs./ha)	
										T1	T2	T1	T2
Tikamgarh	Kharif 2012	Low yield (21%) due to broad-casting method of sowing (affected area 20,000 ha)	Assessment	RMP	Soybean	Rainfed	5 ha	05	Assessment of ridge & furrow method of sowing in soybean	-	-	-	-
Tikamgarh	Kharif 2012	Poor yield (350kg/ha) due to old & long duration variety (affected area 80%)	Assessment	CPM	Sesame	Rainfed	5 ha	05	Assessment of sesame variety JTS-8	-	-	-	-
Tikamgarh	Rabi 2012-13	Low yield (22%) due to old variety (Lok-1, HD-1553) (affected area 35%)	Assessment	VR	Wheat	Irrigated	5 ha	05	Assessment of wheat variety MP-3173	-	-	-	-
Tikamgarh	Rabi 2012-13	Low yield (26%) in yield due to old variety (affected area 15,000 ha)	Assessment	VR	Chickpea	Rainfed	5 ha	05	Assessment of chickpea variety JAKI -9218	-	-	-	-
Tikamgarh	Kharif 2012	Low yield (50%) due to incidence of phytophthora leaf blight (affected area 140ha)	Assessment	IDM	Colocasia	Rainfed	2 ha	05	Assessment of integrated management of phytophthora leaf blight in Colocasia	-	-	-	-
Tikamgarh	Kharif 2012	Reduction (40%) in yield due to heavy incidence of leaf curl viral disease (affected area 150 ha)	Assessment	IDM	Chilli	Rainfed	2 ha	05	Assessment of integrated management of leaf curl viral in chill	-	-	-	-
Tikamgarh	Rabi 2012-13	Low yield (26%) of okra due to heavy incidence of YMV (affected area 170ha)	Assessment	IDM	Okra	Irrigated	2 ha	05	Assessment of integrated YMV management in okra	-	-	-	-
Tikamgarh	Rabi 2012-13	Reduction (37%) in yield due to heavy infestation of fruit & shoot borer in brinjal (affected area 210 ha)	Assessment	IPM	Brinjal	Irrigated	2 ha	05	Assessment of integrated management of fruit & shoot borer in brinjal	-	-	-	-
Tikamgarh	Rabi 2012-13	Low income of farm women due to local variety of vegetables in Rabi season (affected area 85%)	Assessment	WA (Income generation)	Enterprise	Irrigated	0.20 ha	05	Assessment of Income generation for farm women through Hybrid vegetable production	-	-	-	-
Tikamgarh	Kharif & Rabi	High mal nutrition (80%) of farmwomen due to un	Assessment	WA (Ma nutrition)	Soybean	-	-	05	Assessment of Mal nutrition in farm	-	-	-	-

KVK name	Year/season	Problem diagnose	Category of technology (Assessment / Refinement)	Thematic Area	Crop/enterprise	Farming Situations	Target	No. of trials	Title of OFT	Results (with parameter)		Net Returns (Rs./ha)	
										T1	T2	T1	T2
	2012-13	availability of protein in diet							women				
Tikamgarh	Kharif & Rabi 2012-13	Unawareness about value addition in fruits & vegetables	Assessment	WA (Income generation)	Fruits & vegetables	-	-	05	Assessment of value addition in fruits & vegetables	-	-	-	-
Tikamgarh	Kharif 2012	High drudgery & high breakage of groundnut seed kernel during shelling of among farm women during decortications of ground nut	Assessment	Drudgery reduction	Groundnut decorticator	-	-	05	Assessment of Groundnut decorticator for shelling of groundnut	-	-	-	-
Tikamgarh	Rabi 2012-13	Excess time & labour required during harvesting	Assessment	AEG	Wheat - Self propelled reaper	Irrigated	-	05	Assessment of the efficiency of self propelled reaper for harvesting of wheat	-	-	-	-
Tikamgarh	Kharif 2012	Excess time & labour required during grain cleaning	Assessment	AEG	Soybean-pedal operated grain cleaner	Irrigated	-	05	Assessment of the efficiency of pedal operated grain cleaner in Soybean	-	-	-	-
Tikamgarh	Kharif 2012	Raised bed saving reduced the water requirement & maintained the drainage problem	Assessment	AEG	Soybean - Tractor drawn raise bed plants	Rainfed	-	05	Assessment of the tractor drawn raised bed planter for soybean crop	-	-	-	-
Tikamgarh	Kharif 2012	Excess time & labour required during grain threshing & cleaning	Assessment	AEG	Soybean - Multi crop power threshing	Rainfed	-	05	Assessment of multi crop power threshing for soybean crop	-	-	-	-
Tikamgarh	Kharif 2012	Low income due to surplus production in Rabi onion	Assessment	Production and management technology	Onion	Irrigated	-	05	Assessment of kharif onion variety Bhima Red	-	-	-	-
Tikamgarh	Kharif 2012	No use of land under shade area of aonla orchard	Assessment	HOS	Turmeric (NDH-14)	Irrigated	-	05	Assessment of intercropping of turmeric in Aonla orchard	-	-	-	-
Tikamgarh	Rabi	Low yield and plant	Assessment	HOV	Chilli	Irrigated	-	05	Assessment of chilly	-	-	-	-

KVK name	Year/season	Problem diagnose	Category of technology (Assessment / Refinement)	Thematic Area	Crop/enterprise	Farming Situations	Target	No. of trials	Title of OFT	Results (with parameter)		Net Returns (Rs./ha)	
										T1	T2	T1	T2
	2012-13	effected to wilt			variety US-515				variety US-515				
Tikamgarh	Rabi 2012-13	Low yield (25%) due to variety local in cabbage (125ha)	Assessment	HOV	Cabbage variety S-996	Irrigated	-	05	Assessment of cabbage variety S-996	-	-	-	-
Tikamgarh	Kharif 2012	Low milk (22%) production due to roughage based feeding practices	Assessment	LPM	Nutrient Management	Integrated farming	Buffaloes	05	Assessment of probiotics in buffaloes	-	-	-	-
Tikamgarh	Kharif 2012	Low milk production & high parasitic infestation of animals (80%)	Assessment	LPM	Disease Management	Integrated farming	Cows	05	Assessment of IVERMECTIN against parasites in lactating cows	-	-	-	-
Tikamgarh	Rabi 2012-13	Improper feeding of dairy animals leads to low milk (25%) production	Assessment	LPM	Nutrient Management	Integrated farming	Buffaloes	05	Assessment of balance feed in buffaloes.	-	-	-	-
Tikamgarh	Rabi 2012-13	Calcium deficiency leads to milk fever in dairy animals just after calving	Assessment	LPM	Disease Management	Integrated farming	Buffaloes	5	Assessment of calcium on milk production after post calving	-	-	-	-
Tikamgarh	Kharif & Rabi 2012-13	Low house hold income due to unorganized agri-based entrepreneurship by the farmers	Assessment	Capacity building & group dynamics	Enterprises	-	-	2 groups	Assessment of the effect of group approach through farmers (BIGs/FIGs)	-	-	-	-

2.1a Recommendations of OFTs

Recommendations		
Title of OFT	For Farmers	For Deptt. Personnel
Assessment of ridge & furrow method of sowing in soybean	-	-
Assessment of sesame variety JTS-8	-	-
Assessment of wheat variety MP-3173	-	-
Assessment of chickpea variety JAKI -9218	-	-
Assessment of integrated management of phytophthora leaf blight in Colocasia	-	-
Assessment of integrated management of leaf curl viral in chill	-	-
Assessment of integrated YMV management in okra	-	-
Assessment of integrated management of fruit & shoot borer in brinjal	-	-
Assessment of Income generation for farm women through Hybrid vegetable production	-	-
Assessment of Mal nutrition in farm women	-	-
Assessment of value addition in fruits & vegetables	-	-
Assessment of Groundnut decorticator for shelling of groundnut	-	-
Assessment of the efficiency of self propelled reaper for harvesting of wheat	-	-
Assessment of the efficiency of pedal operated grain cleaner in Soybean	-	-
Assessment of the tractor drawn raised bed planter for soybean crop	-	-
Assessment of multi crop power threshing for soybean crop	-	-
Assessment of kharif onion variety Bhima Red	-	-
Assessment of intercropping of turmeric in Aonla orchard	-	-
Assessment of chilly variety US-515	-	-
Assessment of cabbage variety S-996	-	-
Assessment of probiotics in buffaloes	-	-
Assessment of IVERMECTIN against parasites in lactating cows	-	-
Assessment of balance feed in buffaloes.	-	-
Assessment of calcium on milk production after post calving	-	-
Assessment of the effect of group approach through farmers (BIGs/FIGs)	-	-

2.2 Economic Performance

KVK name	OFT Title	Parameters			Average Cost of cultivation (Rs/ha)			Average Gross Return (Rs/ha)			Average Net Return (Rs/ha)			Benefit-Cost Ratio (Gross Return / Gross Cost)			
		Name and unit of Parameter	Demo	Check	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	FP (T ₁)	RP (T ₂)	Refined Practice, if any (T ₃)	
Tikamgarh	Assessment of ridge & furrow method of sowing in soybean	Yield(q/ha)															
		Maturity(days)															
		No. of pods/plant															
		Test weight(g)															
Tikamgarh	Assessment of sesame variety JTS-8	Days to maturity															
		Capsules per plant															
		yield (q/ha)															
		BC ratio															
Tikamgarh	Assessment of wheat variety MP-3173	Yield (q/ha)															
		No. of ears/plant															
		No. of grain/ear															
		Test weight(g)															
Tikamgarh	Assessment of chickpea variety JAKI -9218	Yield (q/ha)															
		No. of pod/plant															
		No. of grain/pod															
		Test weight(g)															
Tikamgarh	Assessment of integrated management of phytophthora leaf blight in colocasia	% incidence															
		weight of rhizome /plant															
		Yield (q/ha)															
Tikamgarh	Assessment of integrated management of leaf curl viral disease in chilli	Yield (q/ha)															
		Disease incidence (%)															
Tikamgarh	Assessment of integrated YMV management in okra	Yield (q/ha)															
		Disease incidence (%)															
Tikamgarh	Assessment of integrated management of fruit & shoot borer in brinjal	Yield (q/ha)															
		Disease incidence (%)															
Tikamgarh	Assessment of Income generation for farm women through hybrid vegetable production	Yield (q/ha)															
		% increase income															
Tikamgarh	Assessment of Mal nutrition in farm women	Body weight (Kg)															
		Working efficiency (%)															
		Reduction in Mal nutrition (%)															
Tikamgarh	Assessment of value	Cost (Rs/kg)															

	addition in fruits & vegetables	Increase income (%)																
		BC ratio																
Tikamgarh	Assessment of Groundnut decorticator for shelling of groundnut	Increasing efficiency (%)																
		Reduction in breakage (%)																
		Output (Kg/hr)																
Tikamgarh	Assessment of the efficiency of self propelled reaper for harvesting of wheat	Yield (q/ha)																
		Increasing efficiency (%)																
		Time required (Area/hr)																
Tikamgarh	Assessment of the efficiency of pedal operated grain cleaner in Soybean	Outcome (qt/hr)																
		Cleaning efficiency (%)																
		Time required (quintal/hr)																
Tikamgarh	Assessment of the tractor drawn raised bed planter for soybean crop	Field capacity (ha/hr)																
		efficiency (%)																
		yield (q/ha)																
Tikamgarh	Assessment of multi crop power threshing for soybean crop	Increasing threshing efficiency (%)																
		Time required (quintal/hr)																
Tikamgarh	Assessment of kharif onion variety Bhima Red	Yield (q/ha)																
		Bulb weight (gm.)																
		BC ratio																
Tikamgarh	Assessment of intercropping of turmeric in Aonla orchard	Yield (q/ha)																
		BC Ratio																
		Rhizome weight																
Tikamgarh	Assessment of chilly variety US-515	Yield (q/ha)																
		No. of fruit/plant																
		BC ratio																
Tikamgarh	Assessment of cabbage variety S-996	Yield (q/ha)																
		BC Ratio																
		weight and size of head																
Tikamgarh	Assessment of probiotics in buffaloes	Feed Intake (Kg/animal/day)																
		Milk Production (lit/animal/day)																
Tikamgarh	Assessment of IVERMECTIN against parasites in lactating cows	Milk yield (lit/day)																
		Ecto parasite count (no/cm ²)																
Tikamgarh	Assessment of balance feed in buffaloes.	Milk yield (lit/animal/day)																
Tikamgarh	Assessment of calcium on milk production after post calving	Milk yield (lit/animal/day)																
		Incidence of milk fever (%)																
Tikamgarh	Assessment of the effect of group approach through farmers (BIGs/FIGs)	Formation of group-10 member in each group																
		Micro finance																
		Livelihood economics																

3. Frontline Demonstrations

3.1. Follow-up for results of FLDs implemented during previous years (upto 2011-12)

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

KVK Name	Crop/ Enterprise	Thematic Area	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
					No. of villages	No. of farmers	Area in ha
Tikamgarh	Soybean	CPM	Line sowing, 20:60:20:30 NPKS Kg/ha+ <i>Rhizo</i> + <i>PSB</i> @ 20 g/Kg Seed, Summer deep ploughing+ Light Trap + Bird percher @ 50/ ha + spray of Trizophos @ 1000 ml/ha	Field demonstration, Field days, Farmers Training, Media coverage, Training for extension functionaries	34	35,000	40,000
Tikamgarh	Blackgram	CPM	Azad-1, 20:60:20 + 25 NPKS kg./ha.+ <i>Rhizo</i> + <i>PSB</i> @ 20g/kg seed 1 hand weeding at 20-25 DAS	Field demonstration, Field days, Farmers Training, Media coverage, Training for extension functionaries	338	3,668	480
Tikamgarh	Chickpea	CPM	JG -130, Seed treatment by <i>Tricoderma viride</i> @ 5g/kg seed + Deep ploughing + Feromone trap + Bird percher @ 50 / ha + Spray of quanalphos @ 2ml/ lit of water.	Field demonstration, Field days, Farmers Training, Media coverage, Training for extension functionaries	292	2,980	367
Tikamgarh	Mustard	CPM	Improved seed of variety Pusa bold RDF (NPKS 80:40:20:30 kg/ha) + <i>PSB</i> @ 20g/kg seed, + <i>Azoto</i> + 1 spray of <i>Imidachloroprid</i> @ 5 ml/15 lit. of water.	Field demonstration, Field days, Farmers Training, Media coverage, Training for extension functionaries	425	3,335	450

3.2 Details of FLDs to be implemented during 2012-13

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop- Area (ha) / Entrep - No.	Name of Variety Entreprizes	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Tikamgarh	CPM	Soybean	Kharif 2012	Early maturing variety & High yielding variety of soybean JS 95-60	5 ha	JS 95-60	-	-	-	-	-	-	-	12
Tikamgarh	CPM	Blackgram	Kharif 2012	Azad-1 + 30cm X 10 cm spacing, Seed treatment - Thirum @ 3 g / kg + 20:40:20:15:25 kg/ha NPKSZn + Rhizo @ 200 / 10 kg seed + Stomp 0.5 kg ai/ha, 1 H W at 35 DAS + Spray of Metasystox @ 0.03%	5 ha	Azad-1	-	-	-	-	-	-	-	12
Tikamgarh	CPM	Chickpea	Rabi 2012-13	JG -130, Seed treatment by <i>Tricoderma viride</i> @ 5g/kg seed +vitavex @ 2.5 g/kg of seed + Deep ploughing + Feromone trap + Bird percher @ 50 / ha + Spray of quanalphos @ 2ml/ lit of water.	5 ha	JAKI - 9218	-	-	-	-	-	-	-	12
Tikamgarh	CPM	Mustard	Rabi 2012-13	Improved variety (Pusa Jai Kishan) RDF(80:40:20:30 NPK Kg/ha + Azoto + PSB @ 2.5 kg/ ha each Imidachloroprid @ 5 ml/15 lit of water.	5 ha	Pusa Jai Kishan	-	-	-	-	-	-	-	12
Tikamgarh	CPM	Maize	Kharif 2012	Maize variety HQPM-1 Short duration (88-90 days) and high yielding (60-65 q/ha) with grain colour yellow deck	10 ha	HQPM-1	-	-	-	-	-	-	-	10
Tikamgarh	CPM	Paddy	Kharif 2012	Paddy variety JRH-8 short duration (105-days) and high yielding 75-80q/ha	5 ha	JRH-8	-	-	-	-	-	-	-	10
Tikamgarh	CPM	Wheat	Rabi 2012-13	Weed management Spraying of metsulfuron methyl @ 4g a.i./ha at 25-DAS	5 ha	GW-366	-	-	-	-	-	-	-	10
Tikamgarh	INM	Wheat	Rabi 2012-13	Zinc application @ 5Kg/ha with RDF 80:40:20NPK Kg/ha	5 ha	-	-	-	-	-	-	-	-	10
Tikamgarh	IDM	Gram	Rabi 2012-13	Summer deep ploughing +crop rotation+ seed treatment with <i>T. viride</i> @4g/Kg of seed +Vitavax 1.0 g/Kg of seed.	5 ha	JG - 11	-	-	-	-	-	-	-	10

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop- Area (ha) / Entrep - No.	Name of Variety Entreprizes	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Tikamgarh	IPM	Mustard	Rabi 2012-13	Removal of affected twigs + Imidachloroprid @ 5 ml/ 15 lit of water.	5 ha	Pusa Jai Kishan	-	-	-	-	-	-	-	10
Tikamgarh	IPM	Soybean	Kharif 2012	Deep summer ploughing+spraying of Trizophos 25 EC @ 800 ml/ha after 40-DAS+ 50-T-shaped pegs /ha as bird purcher + use of phromone traps @ 10/ha	5 ha	-	-	-	-	-	-	-	-	10
Tikamgarh	IDM	Ginger	Kharif 2012	Suprabha + seed treatment with Redomil @ 3ml/lit of water + 2 drenching with Redomil MZ 78 @ 3 ml/lit.	2 ha	Suprabha	-	-	-	-	-	-	-	10
Tikamgarh	WA	Income generation	Kharif & Rabi/ 2012-13	Planned round the year availability of nutritive vegetables & fruits in the garden (25 x 10 m)	Seed of vegetables and fruit plants to 10 women	Nutritional garden	-	-	-	-	-	-	-	10
Tikamgarh	WA	Drudgery reduction	Kharif 2012	Use of improved serrated sickle for harvesting soybean crop	10-women (4 ha)	Improved serrated sickle	-	-	-	-	-	-	-	10
Tikamgarh	WA	Drudgery reduction	Kharif 2012	Use of tubular maize sheller	10-women	tubular maize sheller	-	-	-	-	-	-	-	10
Tikamgarh	WA	Income generation	Kharif & Rabi 2012-13	Development of Gatagat (Ber Toffe)	10-women	Development of Gatagat (Ber Toffe)	-	-	-	-	-	-	-	10
Tikamgarh	Farm Machinery	Wheat - Wheal hand hoe	Rabi 2012-13	Economical weeding method One weeding at 25 – 30 DAYS by wheel hand hoe	-	Wheel hand hoe	-	-	-	-	-	-	-	10
Tikamgarh	Farm Machinery	Rotavator	Rabi 2012-13	Rotary mode machine	-	Rotavator	-	-	-	-	-	-	-	10
Tikamgarh	Farm Machinery	Seed treatment drum	Kharif 2012	Mixing of correct amount of chemicals in to seed	-	Common practice	-	-	-	-	-	-	-	10
Tikamgarh	Farm Machinery	High capacity power thrashing	Rabi 2012 -13	Thrashing & Cleaning of crop	Wheat	High capacity power thrashing	-	-	-	-	-	-	-	10
Tikamgarh	Horticulture	Improved variety Kashi Vishes	Kharif – 2012	Improved variety Kashi Vishes, management of fruit borer by monocrotophas 35 EC @ 2ml/lit water after 15 days intervals 2 spray + stacking	0.2 ha	tomato improved variety Kashi Vishes	-	-	-	-	-	-	-	10
Tikamgarh	Horticulture	IPM	Kharif – 2012	Use of 100 pheromone trap/ ha, for male catching & carbosulphan 35 EC @ 2 ml/lit. of water after 15 days intervals.	0.2 ha	IPM Module + Brinjal variety - Harit	-	-	-	-	-	-	-	10

KVK Name	Thematic area	Name of Crop/ Enterprise	Season and year	Technology demonstrated	Crop- Area (ha) / Entrep - No.	Name of Variety Entreprizes	Results (q/ha)		% change	No. of farmers				
							Demons	Check		SC	ST	OBC	Others	Total
Tikamgarh	Horticulture	Varietal Replacement	Rabi 2012-13	Potato improved variety Kufri chandramukhi + INM	0.2 ha	Improved variety Kufri Chandramukhi	-	-	-	-	-	-	-	10
Tikamgarh	Horticulture	INM	Rabi 2012-13	Use of balance dose of fertilizer @ 30:30:15:10 kg NPKS/ha + FYM	01 ha	Application of balanced dose of fertilizers in coriander - Cimpo-33	-	-	-	-	-	-	-	10
Tikamgarh	LPM	Dairy	Kharif 2012	Feeding of high nutritive green fodder improves the milk production	Buffaloes	Offered green fodder	-	-	-	-	-	-	-	10
Tikamgarh	LPM	Dairy	Kharif 2012	Backyard poultry farming 120 eggs and 2.0 kg body weight	Dual purpose coloured birds	Backyard poultry farming	-	-	-	-	-	-	-	10
Tikamgarh	LPM	Dairy	Rabi 2012	Disease management Piperazine @ 20ml/calves at 1-3 rd week	Calves	Disease management	-	-	-	-	-	-	-	10
Tikamgarh	LPM	Dairy	Rabi 2012-13	Calcium supplement 20 g/day/kid	Cow Calves & buffaloes calves	-	-	-	-	-	-	-	-	10
Tikamgarh	Information technology	Enterprises	Kharif & Rabi 2012-13	Demonstration of the refined information technology through computer i.e.- KMA	Information technology	-	-	-	-	-	-	-	-	1000

3.3 Economic Impact of FLD

KVK Name	Name of Crop/ Enterprise	Technology demonstrated	Parameters (Yield q/ha)			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check
Tikamgarh	Soybean	Early maturing variety & High yielding variety of soybean JS 95-60	Yield (q/ha)										
			No. of Pods/plant										
			Test weight (g)										
Tikamgarh	Blackgram	Azad-1 + 30cm X 10 cm spacing, Seed treatment - Thirum @ 3 g / kg + 20:40:20:15:25 kg/ha NPKSZn + Rhizo @ 200 / 10 kg seed + Stomp 0.5 kg ai/ha, 1 H W at 35 DAS + Spray of Metasystox @ 0.03%	Yield (q/ha)										
			No. of Pods/plant										
			Test weight (g)										
Tikamgarh	Chickpea	JG -130, Seed treatment by <i>Tricoderma viride</i> @ 5g/kg seed +vitavex @ 2.5 g/kg of seed + Deep ploughing + Feromone trap + Bird percher @ 50 / ha + Spray of quanalphos @ 2ml/ lit of water.	Yield (q/ha)										
			No. of Pods/plant										
			Test weight (g)										
Tikamgarh	Mustard	Improved variety (Pusa Jai Kishan) RDF(80:40:20:30 NPK Kg/ha + Azoto + PSB @ 2.5 kg/ ha each Imidachloroprid @ 5 ml/15 lit of water.	Yield(q/ha)										
			No. of Silique/plant										
			Test weight(g)										
Tikamgarh	Maize	Maize variety HQPM-1 Short duration (88-90 days) and high yielding (60-65 q/ha) with grain colour yellow deck	Yield(q/ha)										
			Test weight (g)										
			No. of cobs/plant										
			No. of grains/cob										
Tikamgarh	Paddy	Paddy variety JRH-8 short duration (105-days) and high yielding 75-80q/ha	Yield(q/ha)										
			No. of tiller/plant										
			Test weight(g)										
Tikamgarh	Wheat	Weed management Spraying of metsulfuron methyl @ 4g a.i./ha at 25-DAS	Yield(q/ha)										
			Weight of Weed bio mass/m ²										
			Test weight (g)										
Tikamgarh	Wheat	Zinc application @ 5Kg/ha with RDF 80:40:20NPK Kg/ha	Yield(q/ha)										
			No. of ears/plant										
			Test weight(g)										
Tikamgarh	Gram	Summer deep ploughing +crop rotation+ seed treatment with <i>T. viride</i> @4g/Kg of seed +Vitavax 1.0	Yield(q/ha)										
			No. of pods/plant										
			No. of grain/plant										

KVK Name	Name of Crop/ Enterprise	Technology demonstrated	Parameters (Yield q/ha)			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check
		g/Kg of seed.	Wilt incidence (%)										
Tikamgarh	Mustard	Removal of affected twings + Imidachloroprid @ 5 ml/ 15 lit of water.	Yield(kg/ha)										
			No. of silique /plant										
			Insect infestation (%)										
			Test weight (g)										
			No. of grain/silique/plant										
Tikamgarh	Soybean	Deep summer ploughing+spraying of Trizophos 25 EC @ 800 ml/ha after 40-DAS+ 50-T-shaped pegs /ha as bird purcher + use of phromone traps @ 10/ha	Yield(q/ha)										
			% incidence disease										
			Weight of rhizome/plant										
Tikamgarh	Ginger	Suprabha + seed treatment with Redomil @ 3ml/lit of water + 2 drenching with Redomil MZ 78 @ 3 ml/lit.	Yield (q/ha)										
			No. of Rhizome/plant										
			Weight of Rhizome (g)										
			Disease incidence (%)										
Tikamgarh	Income Generation	Planned round the year availability of nutritive vegetables & fruits in the garden (25 x 10 m)	Vegetables production (Kg/plot)										
			Fruit production (kg/plot)										
			Health parameter Body weight (kg)										
			% reduction in Mal nutrition										
Tikamgarh	Drudgery reduction	Use of improved serrated sickle for harvesting soybean crop	Increase efficiency %										
			Area covered (ha/hr)										
Tikamgarh	Drudgery reduction	Use of tubular maize sheller	Output (Kg/hr)										
			Time required for shelling of 100 cobs (hr)										
			% increase efficiency										
Tikamgarh	Income generation	Development of Gatagat (Ber Toffe)	Output (Kg)										
			Cost (Rs/kg)										
			Income generation %										
Tikamgarh	Farm Machinery	Economical weeding method One weeding at 25 – 30 DAYS by wheel hand hoe	No. of labours required/ha										
			Weed biomass at harvest (g/m ²)										
			Time required (ha/hr)										
Tikamgarh	Farm Machinery	Rotary mode machine	No. of labours required/ha										
			Weight of Weed bio mass/m ²										

KVK Name	Name of Crop/ Enterprise	Technology demonstrated	Parameters (Yield q/ha)			Cost of cultivation (Rs/ha)		Gross Return (Rs/ha)		Average Net Return (Rs/ha)		Benefit-Cost Ratio (Gross Return / Gross Cost)	
			Name and unit of Parameter	Demo	Check	Demo	Check	Demo	Check	Demo	Check	Demo	Local Check
			Time required (ha/hr)										
Tikamgarh	Farm Machinery	Mixing of correct amount of chemicals in to seed	Capacity (q/ha)										
			Germination %age										
Tikamgarh	Farm Machinery	Thrashing & Cleaning of crop	Thrushing efficiency (%)										
			Cleaning efficiency (%)										
Tikamgarh	Horticulture	Improved variety Kashi Vishes, management of fruit borer by monocrotophas 35 EC @ 2ml/lit water after 15 days intervals 2 spray + stacking	Yield(q/ha)										
			No. of Fruit / plant										
			BC Ratio										
Tikamgarh	Horticulture	Use of 100 pheromone trap/ ha, for male catching & carbosulphan 35 EC @ 2 ml/lit. of water after 15 days intervals.	Yield(q/ha)										
			BC Ratio										
			Fruit weight/plant										
			Insect infestation (%)										
Tikamgarh	Horticulture	Potato improved variety Kufri chandramukhi + INM	Yield(q/ha)										
			No. of Potato/plant										
			Disease incidence (%)										
Tikamgarh	Horticulture	Use of balance dose of fertilizer @ 30:30:15:10 kg NPKS/ha + FYM	Yield(q/ha)										
			Green leaf wt./plant										
Tikamgarh	Dairy	Feeding of high nutritive green fodder improves the milk production	Milk yield (Lit/animal)										
Tikamgarh	Dairy	Backyard poultry farming 120 eggs and 2.0 kg body weight	Feed intake (Kg)										
Tikamgarh	Dairy	Disease management Piperazine @ 20ml/calves at 1-3 rd week	Mortality %										
Tikamgarh	Dairy	Calcium supplement 20 g/day/kid	Body weight gain										
Tikamgarh	Information technology	Demonstration of the refined information technology through computer i.e.- KMA	Timeliness										
			Appropriateness										
			Readability										
			Content										
			Understandability										
			Relevance										
			Language										

3.4 Training and Extension activities proposed under FLD

KVK Name	Crop	Activity	No. of activities organized	Number of participants	Remarks
Tikamgarh	Mustard, Gram, Soybean, Blackgram	Field days			
		Farmers Training			
		Media coverage			
		Training for extension functionaries			

3.5 Details of FLD on crop hybrids.

Sr.No.	Name of the KVK	Name of the Crop	Name of the Hybrids	Source of Hybrid (Institute/Firm)	No. of farmers	Area in ha.
1	Tikamgarh	Chilli	Bharti (Hy.)	Nun hens	05	0.2
2	Tikamgarh	Cauliflower	Snow white (Hy.)	Nun hens	05	0.2

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
Tikamgarh				

4.2. Feedback from KVK to Research System.

Name of KVK	Feedback basic of OFT on Technology Tested
Tikamgarh	

5. TRAINING PROGRAMMES

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

Table 5.1: 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 to be involved
Tikamgarh	Farm & Farm women			
Tikamgarh	Rural youth			
Tikamgarh	Extension personnel			
Tikamgarh	Sponsored			

Table 5.2. Details of Training programmes to be conducted by the KVKs.

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants								
								General		SC		ST		Others		
								M	F	M	F	M	F	M	F	
1	2	3	4	5	7	8		9	10	11	12	13	14	15	16	
Tikamgarh	FW	OFC	CPM	Scientific cultivation of Soybean	1	1	25									
Tikamgarh	FW	OFC	CPM	Production technology of maize	1	1	25									
Tikamgarh	FW	OFC	CPM	Production technology of black gram	1	1	25									
Tikamgarh	FW	OFC	CPM	Production technology of gram	1	1	25									
Tikamgarh	FW	OFC	CPM	Production technology of mustard	1	1	25									
Tikamgarh	FW	OFC	CPM	Production technology of wheat in limited water	1	1	25									
Tikamgarh	FW	OFC	CPM	Production technology of mustard	1	1	25									
Tikamgarh	FW	ONC	CPM	Production technology of Rabi crops	1	1	25									
Tikamgarh	FW	ONC	SFM	INM in Soybean	1	1	25									
Tikamgarh	FW	OFC	SFM	INM in wheat	1	1	25									
Tikamgarh	FW	ONC	SFM	INM in mustard	1	1	25									
Tikamgarh	FW	ONC	CPM	Organic Farming	2	2	50									
Tikamgarh	FW	ONC	WOE	Value addition in pulses	1	1	25									
Tikamgarh	FW	OFC	WOE	Nutritional garden	2	1	25									
Tikamgarh	FW	OFC	WOE	Mal nutrition	1	1	25									
Tikamgarh	FW	ONC	WOE	Value addition in fruits & vegetables	2	7	25									
Tikamgarh	FW	OFC	WOE	Caring of farm women & there child regarding health consciousness	1	1	25									
Tikamgarh	FW	OFC	WOE	Safe storage of grain	2	1	25									
Tikamgarh	FW	OFC	WOE	Drudgery reduction	1	1	25									
Tikamgarh	FW	OFC	WOE	Women empowerment through SHGs	1	1	25									

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14	15	16
Tikamgarh	FW	ONC	WOE	Fruit & vegetable preservation	2	6	25								
Tikamgarh	FW	ONC	WOE	Women empowerment	1	7	25								
Tikamgarh	FW	OFC	WOE	Grading of farm produce	1	1	25								
Tikamgarh	FW	ONC	WOE	Health and hygiene	2	2	25								
Tikamgarh	FW	OFC	PLP	IDM in colocasia	1	1	25								
Tikamgarh	FW	OFC	PLP	IDM in Ginger	1	1	25								
Tikamgarh	FW	OFC	PLP	IPM in Soybean	1	1	25								
Tikamgarh	FW	OFC	PLP	IDM in Pulses	1	1	25								
Tikamgarh	FW	OFC	PLP	IPM in pulses	1	1	25								
Tikamgarh	FW	OFC	PLP	IDM in groundnut	1	1	25								
Tikamgarh	FW	ONC	PLP	Termite management in wheat	1	1	25								
Tikamgarh	FW	ONC	PLP	IDM in vegetable	1	1	25								
Tikamgarh	FW	ONC	PLP	IPM in vegetable	1	1	25								
Tikamgarh	FW	ONC	PLP	IPM in Oilseed crops	1	1	25								
Tikamgarh	FW	ONC	PLP	YMV management in blackgram	1	1	25								
Tikamgarh	FW	OFC	PIS	Scientific method of FYM preparation	1	1	25								
Tikamgarh	FW	OFC	PIS	Vermi- compost production	1	1	25								
Tikamgarh	IS	OFC	CRP	Production technology of field crops	1	1	25								
Tikamgarh	IS	OFC	INM	INM in kharif pulses	1	1	25								
Tikamgarh	IS	OFC	IPM	IPM in kharif pulses	1	1	25								
Tikamgarh	IS	OFC	CRP	Production technology of kharif pulses	1	1	25								
Tikamgarh	IS	OFC	PIS	Production technology of vermin Compost	1	1	25								
Tikamgarh	IS	ONC	CRP	Production technology of kharif pulses	1	1	25								
Tikamgarh	FW	OFC	AEG	Importance of Summer deep ploughing	1	1	25								
Tikamgarh	FW	OFC	AEG	Ridge & furrow method of soybean	1	1	25								
Tikamgarh	FW	OFC	AEG	Importance of micro-irrigation system	2	1	25								
Tikamgarh	FW	OFC	AEG	Micro irrigation system in vegetables	1	1	25								
Tikamgarh	FW	OFC	AEG	Seed bed preparation techniques	1	1	25								
Tikamgarh	FW	OFC	AEG	Improved machinery for crop production	1	1	25								
Tikamgarh	FW	ONC	AEG	Repair & maintains of tillage implements	2	2	50								
Tikamgarh	FW	OFC	AEG	Improved machinery for horticulture crops	1	1	25								
Tikamgarh	FW	ONC	AEG	Method of irrigation	2	2	50								

Name of KVK	Category	Training Type	Thematic area	Training Title	No. of Courses	Duration (Days)	Target for No. of participants	Participants							
								General		SC		ST		Others	
								M	F	M	F	M	F	M	F
1	2	3	4	5	7	8		9	10	11	12	13	14	15	16
Tikamgarh	FW	OFC	AEG	Use of weeding tools	1	1	25								
Tikamgarh	FW	ONC	AEG	Improved machinery for post harvesting operation	2	2	50								
Tikamgarh	FW	OFC	HOV	Solarization in seed bed for management of damping off disease	1	1	25								
Tikamgarh	FW	OFC	HOV	Production and management tech. of coriander in summer	1	1	25								
Tikamgarh	FW	OFC	HOV	Tech. of raising nursery for Cole crop	1	1	25								
Tikamgarh	FW	OFC	HOV	Transplanting and production tech. in chilly cultivation	1	1	25								
Tikamgarh	FW	OFC	HOV	Use of bio fertilizer in solanaceous crops	1	1	25								
Tikamgarh	FW	OFC	HOT	Agro tech. involved in potato cultivation	1	1	25								
Tikamgarh	FW	OFC	HOM	Production and management tech of Ashwagandha	1	1	25								
Tikamgarh	FW	OFC	HOM	Agro tech. involved in onion cultivation	1	1	25								
Tikamgarh	FW	OFC	HOV	Grading and standardization practices involved in onion	1	1	25								
Tikamgarh	FW	OFC	HOV	Nursery raising tech. of cucurbitaceous crop	1	1	25								
Tikamgarh	FW	OFC	LPM	Importance of probiotics as feed supplements.	1	1	25								
Tikamgarh	FW	OFC	LPM	Preventive measures for parasitic infestations	1	1	25								
Tikamgarh	FW	ONC	LPM	Training on urea treatment of straw	1	1	25								
Tikamgarh	FW	OFC	LPM	Importance of feeding green fodder to the dairy animals	1	1	25								
Tikamgarh	FW	OFC	LPM	Importance of vaccination in animals	1	1	25								
Tikamgarh	FW	ONC	LPM	Preventive measures for milk fever	1	1	25								
Tikamgarh	FW	OFC	LPM	De-worming of buffalo calves	1	1	25								
Tikamgarh	FW	OFC	LPM	Importance of calcium in growing animals	1	1	25								
Tikamgarh	FW	ONC	LPM	Cultivation of Berseem	1	1	25								
Tikamgarh	FW	ONC	LPM	Goat farming	1	1	25								
Tikamgarh	FW	OFC	LPM	Backyard Poultry farming	1	1	25								

Table 5.3. Details of Vocational training programmes for Rural Youth to be conducted by the KVKs

Name of KVK	Training title	Crop / Enterprise	Identified Thrust Area	Duration of training (days)	Number of Beneficiaries					
					SC		ST		Others	
					M	F	M	F	M	F
Tikamgarh	Mushroom production technology	Mushroom	Mushroom production	02						
Tikamgarh	Goat farming	Goat	Goat rearing	02						
Tikamgarh	Production and management of poultry	Poultry	Poultry production	02						
Tikamgarh	Motor binding	Enterprise	Unemployed youth	02						
Tikamgarh	Pump repairing	Enterprise	Unemployed youth	02						
Tikamgarh	Bee keeping	Bee	Bee-Keeping	02						
Tikamgarh	Seed production of soybean	Crop	Seed production	02						
Tikamgarh	Production technology of Vermi-culture	Vermin-culture	Vermin-culture	02						
Tikamgarh	Seed production of pulse crops	Crop	Seed production	02						
Tikamgarh	Value addition of fruits & vegetables	Enterprise	Fruit & vegetable processing	03						
Tikamgarh	Tailoring and stitching	Enterprise	Tailoring	06						
Tikamgarh	Method of vegetative propagation	Fruit plant	Propagation	02						
Tikamgarh	Vegetables seed production of vegetable crops	Vegetables	Seed production	02						
Tikamgarh	Cultivation of green fodder	Enterprise	LPM	01						
Tikamgarh	Importance of balance feeding to the lactating animals	Enterprise	LPM	01						

Table 5.4. Details of training programme to be 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	
Tikamgarh	Value addition in fruit and vegetables	Small cottage			
Tikamgarh	Women empowerment through Tailoring and stitching	Small cottage			

Table 5.5. Sponsored Training Programmes

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/ RY/ IS)	Duration (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		
Tikamgarh	Sowing ,management, fertilizer ad weed management in soybean	CRP	Seed production	FW/RY	2	1							DAC ,Govt. India	
Tikamgarh	Roughing , intercultural and Pest management in soybean	CRP	Seed production	FW/RY	2	1							DAC ,Govt. India	
Tikamgarh	Harvesting , threshing and storage of Soybean	CRP	Seed production	FW/RY	2	1							DAC ,Govt. India	
Tikamgarh	Sowing ,management, fertilizer ad weed management in Gram	CRP	Seed production	FW/RY	2	1							DAC ,Govt. India	
Tikamgarh	Roughing , intercultural and Pest management in Gram	CRP	Seed production	FW/RY	2	1							DAC ,Govt. India	
Tikamgarh	Harvesting , threshing and storage of Gram	CRP	Seed production	FW/RY	2	1							DAC ,Govt. India	
Tikamgarh	Methods of irrigation	AEG	Resource conservation	FW	2	1							WRD, State Govt.	
Tikamgarh	Production technology of Gram	CRP	Pulse production	FW	2	1							WRD, State Govt.	
Tikamgarh	Production technology of wheat	CRP	Crop production	FW	2	1							WRD, State Govt.	
Tikamgarh	Conservation of soil and water	SFM	Resource conservation	FW	2	1							WRD, State Govt.	
Tikamgarh	Production technology of wheat	CRP	Crop production	FW	2	1							WRD, State Govt.	
Tikamgarh	Safe storage of grains	PLP	Grain storage	FW	2	1							WRD, State Govt.	
Tikamgarh	Methods of irrigation	AEG	Irrigation	FW	2	1							WRD, State Govt.	
Tikamgarh	Production technology of wheat	CRP	Crop production	FW	2	1							WRD, State Govt.	
Tikamgarh	Safe storage of grain	PLP	Grain storage	FW	2	1							WRD, State Govt.	
Tikamgarh	Soil health management	AEG	Soil health	FW	1	1							WRD, State Govt.	
Tikamgarh	Vegetable production	HOV	Vegetable production	FW	1	1							WRD, State Govt.	
Tikamgarh	Scientific preparation of FYM	PIS	FYM production	FW	1	1							WRD, State Govt.	

Table 5.6 Training Programmes for Panchayatiraj Institutions Office-bearers & members

Name of KVK	Title	Thematic area (as given in abbreviation table)	Sub-theme (as per column no 5 of Table T1)	Client (FW/RY/IS)	Duration (days)	No. of courses	No. of Participants						Sponsoring Agency	Fund received for training (Rs.)
							Others		SC		ST			
							M	F	M	F	M	F		
Tikamgarh	Production and management Tech. of Medicinal and aromatic plant	Medicinal & Aromatic plants	Production technology	IS	02	01								
Tikamgarh														

Table 5.7 Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)

Name of KVK	Title of the training	No. of trainees	Change in knowledge (Score)		Change in Production (q/ha)		Change in Income (Rs)		Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income
			Before	After	Before	After	Before	After	
Tikamgarh	Management of Nursery of Chilli								
Tikamgarh	IDM in Ginger								
Tikamgarh	Production technology black gram								
Tikamgarh	Production technology in soybean								
Tikamgarh	Ridge & furrow method of soybean								
Tikamgarh	Care and management of animals								
Tikamgarh	Production technology of Gram								
Tikamgarh	Role of micro- elements in animals								
Tikamgarh	Production technology of mustard								
Tikamgarh	Poultry production								

6. EXTENSION ACTIVITIES

Name of the KVK	Activity	No. of activities (Targeted)	No. of activities (Achieved)	Detail of Participants						Remarks		
				Farmers (Others)		SC/ST (Farmers)		Extension Officials		Purpose	Topic s	Crop Stages
				M	F	M	F	M	F			
Tikamgarh	Field Day	12										
Tikamgarh	Kisan Mela	02										
Tikamgarh	Kisan Ghosthi	08										
Tikamgarh	Exhibition	02										
Tikamgarh	Film Show	20										
Tikamgarh	Method Demonstrations	10										
Tikamgarh	Farmers Seminar	04										
Tikamgarh	Workshop	04										
Tikamgarh	Group meetings	04										
Tikamgarh	Lectures delivered as resource persons	30										
Tikamgarh	Newspaper coverage	Mass										
Tikamgarh	Radio talks	20										
Tikamgarh	TV talks	20										
Tikamgarh	Popular Articles	30										
Tikamgarh	Extension Literature	10000										
Tikamgarh	Farm Advisory Services	Mass										
Tikamgarh	Scientific visit to farmers field	100										
Tikamgarh	Farmers Visit to KVK	2500										
Tikamgarh	Diagnostic Visits	100										
Tikamgarh	Exposure Visits	20										
Tikamgarh	Ex-trainees Sammelan	08										
Tikamgarh	Soil Health Camp	02										
Tikamgarh	Animal Health Camp	02										
Tikamgarh	Agri Mobile Clinic	1000										
Tikamgarh	Soil Test Campaigns	02										
Tikamgarh	Farm Science Club conveners meet	04										
Tikamgarh	Self Help Group conveners meetings	04										

7. Production and supply of Technological products

7.1 SEED production

KVK Name	Major group/class	Crop	Variety	Type of produce (for Seed produced type here SD; For Planting Material type here PM)	Quantity	Unit for quantity of produces (qtl for SD and Nos for PM)	Value (Rs.)	Provided to No. of Farmers
Tikamgarh	Oilseeds	Soybean	JS 93-05, JS 95-60	SD				
Tikamgarh	Pulses	Gram	JG-130, JG-11, JG-315	SD				

7.2 Planting Material production

KVK Name	Major group/class	Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
						Variety	Type of Produce	Qty./ Nos	Cost of inputs	Gross income	
Tikamgarh	Fruits	Papaya			Nursery	Pusa Nanha	Sapling	5000			
Tikamgarh	Fruits	Gauva			Nursery	L-49	Sapling	500			
Tikamgarh	Fruits	Citrus			Nursery	Kagzi lime	Sapling	500			
Tikamgarh	Fruits	Pomegranate			Nursery	Ganesh	Sapling	500			
Tikamgarh	Vegetables	Tomato			Nursery	Baghya	Seedling	5000			
Tikamgarh	Vegetables	Chilli			Nursery	Garima	Seedling	5000			
Tikamgarh	Vegetables	Brinjal			Nursery	Harit	Seedling	5000			
Tikamgarh	Vegetables	Cabbage			Nursery	S-996	Seedling	5000			
Tikamgarh	Vegetables	Cauliflower			Nursery	Snow white	Seedling	5000			
Tikamgarh	Vegetables	Onion			Nursery	N-53	Seedling	25000			
Tikamgarh	Flowers	Marigold			Nursery	Pusa Narangi	Seedling	5000			
Tikamgarh	Flowers	Gaillardia			Nursery	Mixed color	Seedlings	5000			

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

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

7.4 Livestock and fisheries production

KVK Name	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed	Type of Produce	Qty.	Cost of inputs	Gross income	
Tikamgarh	Cattle	-	-	-	-	-	-
Tikamgarh	Buffalo	-	-	-	-	-	-
Tikamgarh	Sheep and Goat	Jamunapari	Male	05	20,000	-	Breed improvement
Tikamgarh	Poultry	-	-	-	-	-	-
Tikamgarh	Fisheries	Catla	Fingerlings	5000	5000	0	Fish production
Tikamgarh	Others (Specify)	-	-	-	-	-	-

8. Activities of Soil and Water Testing Laboratory

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

Year of establishment : 2006-07

8.1 Details of soil & water samples analyzed so far :

KVK Name	Type	No. of Samples	No. of Farmers	No. of Villages	Amount released	Resources to be generated
Tikamgarh	Soil Sample	1000	1000	10		
Tikamgarh	Water Sample	Nil	Nil	Nil		

9. Rainwater Harvesting, if available.

Training programmes to be conducted by using Rainwater Harvesting Demonstration Unit

Name of KVK	Date	Title of the training course	Client (PF/RV/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
					Male	Female	Total	Male	Female	Total
Tikamgarh		Micro irrigation	PF	02						
Tikamgarh		Production technology of gram	PF	02						
Tikamgarh		Production technology of wheat	PF	02						
Tikamgarh		Soil and water conservation	PF	02						
Tikamgarh		Methods of irrigation	PF	02						
Tikamgarh		Methods of irrigation	PF	02						
Tikamgarh		Production technology of wheat	PF	02						

10. Kisan Mobile Advisory (KVK-KMA)

KVK Name	No. of messages to be sent	No. of beneficiaries		Major recommendations
		Farmers	Ext. Pers.	
Tikamgarh	116	1000	250	

11. Details of SAC Meeting

KVK Name	Date of SAC meeting	No. of SAC members attended	Major recommendations
Tikamgarh	Kharif 2012	25	-
Tikamgarh	Rabi 2012-13	25	-

12. Literature to be Last Developed/Published (with full title, author & reference)

12.1 KVK Newsletters

KVK Name	Date of start	Periodicity	Number of copies printed	Number of copies distributed
Tikamgarh	April-June, 2012	Quarterly	1000	
Tikamgarh	July-September, 2012	Quarterly	1000	
Tikamgarh	October-December, 2012	Quarterly	1000	
Tikamgarh	January-March, 2013	Quarterly	1000	

12.2 Details of Electronic Media to be Produced

KVK Name	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number
Tikamgarh	02	-	-

12.3 PUBLICATIONS

Category	Number	Date of start	Periodicity	Number of copies to be printed	Number of copies to be distributed
		Type	Title	Author's name	Number of copies
Research Paper	06				
Technical bulletins	02				
Technical reports	05				
Popular article	12				
News paper coverage	15				
Year Planner	01				
Others (Extension folder)	20				

13. Convergence with various agricultural schemes (Central & State sponsored)

KVK Name	Name of scheme	Name of Agency (Central/state)	Funds received (Rs.)	Activities organized	Operational Area	Remarks
Tikamgarh	ATMA	-	-	-	-	-
Tikamgarh	MNREGA	-	-	-	-	-
Tikamgarh	NHM	-	-	-	-	-
Tikamgarh	RKVY	-	-	-	-	-
Tikamgarh	DRDA	-	-	-	-	-
Tikamgarh	Zila Panchyat	-	-	-	-	-
Tikamgarh	Seed Village	-	-	-	-	-
Tikamgarh	NAIP	-	-	-	-	-
Tikamgarh	Climate Change	-	-	-	-	-
Tikamgarh	Others (Plz. Specify)	-	-	-	-	-

14. Utilization of Farmers Hostel.

Accommodation available (No. of beds): Yes (40)

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

15. Utilization of Staff Quarters. Converted as Girls Hostel for COA, Tikamgarh

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

16. Details of KVK Agro-technological Park –

a) Have you prepared layout plan, where sent? Yes

Sr .No.	Name of KVK	Technology park proposal developed(yes/no)	If yes, where sent?(ZPD/DES/any other,pl. sp.)
	Tikamgarh	Yes	DES

b) Details about Technology Park

Name of KVK	Name of Component of Park	Detail Information (If established)
Tikamgarh	Crop Cafeteria	(A). Kharif 2010 (Maize-02, Paddy-05, Pigeonpea-05, Blackgram-10, Soybean-11, Tomato-03, Brinjal-03, Chilli-03, Onion-01, Papaya-04) (B). Rabi 2010-11 (Wheat-37, Barley-7, Maize-01, Fodder-04, Gram-29, Lentil-02, Pea-13, Linseed-04, Mustard-15, Flowers-01, Tomato-09, Brinjal-03, Chilli-02, Carrot, Radish-01, Spinach-01, Potato-02, Onion-02, Cabbale-01, Cauliflower-01, Spice-05, Medicinal-03)
Tikamgarh	Technology Desk	1. Seed Production of Gujarat Coriender-1 2. Production technology of potato for chips 3. IPM in chickpea 4. Establishment of Nutritional garden 5. Medo-orchard of guava (Allahabadi Safeda) 6. High density planting of mango (Amarapalli)
Tikamgarh	Visitors Gallery	Posters of different technologies, Publications, Seed samples and live samples, Fruit & vegetable processing lab
Tikamgarh	Technology Exhibition	Farmers fair (02)
Tikamgarh	Technology Gate-Valve	District profile, Map and Agro-eco-situation of the district

c) Crop Cafeteria -

Sr. No.	Theme of Crop Cafeteria	No. of Crop Cafeteria
1	Varietal replacement wheat	(1) No. of varieties 33
2	Varietal replacement in chickpea	(1) 27
3	IPM in chickpea	(1) 28
4	IDM in chickpea	(1) 28
5	IPM in mustard	(1) 25
6	IPM in soybean	(1) 11
7	Varietal replacement in soybean	(1) 11
8	SRI method in paddy	(1) 05
9	Varietal replacement in lentil	(1) 02
10	Varietal replacement in pea	(1) 10
11	Varietal replacement in barley	(1) 07
12	SWI in wheat	(1) 01
13	Varietal replacement in linseed	(1) 02
14	IDM in chilli	(1) 04
15	Geometric planting in onion	(1) 02
16	Varietal replacement in tomato	(1) 09
17	Varietal replacement in brinjal	(1) 05
18	Varietal replacement in cabbage	(1) 02
19	Varietal replacement in cauliflower	(1) 02
20	Varietal replacement in marigold	(1) 02
21	Nutritional garden	(1) 16
22	Varietal replacement in spices	(1) 04
23	Promotion of Medicinal plant cultivation	(1) 03
24	Promotion of fodder cultivation	(1) 04

17. 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 farmer with Mobile No.
1	Tikamgarh			
2	Tikamgarh			
3	Tikamgarh			

18. KVK interaction with progressive farmers- each KVK had already sent a list of 100 progressive farmers to the ZPD, Zone VII, Jabalpur.

Sr. No.	Date and month of interaction programme with progressive farmers	No. of progressive farmers to be participated

19. Outreach of KVK

Name of KVK	Number of Blocks		Number of Villages	
	Intensive	Extensive	Intensive	Extensive
Tikamgarh	Tikamgarh	Palera	35	26
Tikamgarh	Jatara	Pirthvipur	38	25
Tikamgarh	Baldevgarh	Niwari	25	22

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

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

Sr. No.	Name of crop under Technology demonstration	Area under the programme	No. of Extension Activities	Remarks / Lessons learnt
	Nil	Nil	Nil	-

21. KVK Ring

Sr. No.	Name of Ring Partner	Sharing Activity	Lessons learnt/ Experiences gained.
1	Naogaon (Chhattarpur)	30%	
2	Panna	15%	
3	Sagar	20%	

22. Important visitors to KVK

Name of KVK	Name of Visitor	Date of Visit	Remarks
Tikamgarh	-	-	-
Tikamgarh	-	-	-

23. Status of KVK Website: www.kvktikamgarh.com

Sr. No.	Name of KVK	Date of start of website	No. of updates since inception	No. of visitors
1	Tikamgarh	November 2010	03	-

24. Status of RTI

Sr. No.	Name of KVK	No. of RTI applications received	No. of RTI appeals
1	Tikamgarh	-	-

25. E-CONNECTIVITY (ERNET Lab)

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

26. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

Name of KVK	Types of Activities	No. of Activities	Number of Participants	Related crop/livestock technology
Tikamgarh	Gosthies	02		
Tikamgarh	Lectures organized	20		
Tikamgarh	Exhibition	02		
Tikamgarh	Film show	01		
Tikamgarh	Fair	01		
Tikamgarh	Farm Visit	04		
Tikamgarh	Diagnostic Practical's	25		
Tikamgarh	Distribution of Literature (No.)	2000		
Tikamgarh	Distribution of Seed (q)	45		
Tikamgarh	Distribution of Planting materials (No.)	02		
Tikamgarh	Bio Product distribution (Kg)	-		
Tikamgarh	Bio Fertilizers (q)	-		
Tikamgarh	Distribution of fingerlings (No)	-		
Tikamgarh	Distribution of Livestock specimen (No.)	-		
Tikamgarh	Total number of farmers visited the technology week	600		

27. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

Name of KVK	Crops	Cultivars	Area (ha)	Number of beneficiaries
Tikamgarh	Maize	JM-216	06.0	16
Tikamgarh	Paddy	JR-201	08.0	32
Tikamgarh	Soybean	JS 93-05,JS 95-60	08.0	17
Tikamgarh	Black gram	Azad-1	04.4	12
Tikamgarh	Gram,	JG-130,JG-16	46.0	190
Tikamgarh	Wheat	GW-322,JW-3173	06.0	15
Tikamgarh	Mustard	Pusa Agrani	04.50	12

Major area coverage under alternate crops/varieties

Name of KVK	Crops	Area (ha)	Number of beneficiaries
Tikamgarh	Oilseeds	12.50	29
Tikamgarh	Pulses	50.40	202
Tikamgarh	Cereals	20.00	63
Tikamgarh	Vegetable crops	05.00	500
Tikamgarh	Tuber crops		
Tikamgarh	Fruits	1.0	25
Tikamgarh	Spices		
Tikamgarh	Cotton		
Tikamgarh	Total	88.90	819

Farmers-scientists interaction on livestock management

Sl. No.	Name of KVK	Livestock components	Number of interactions	No.of participants
	Tikamgarh	Dairy Management	5	
	Tikamgarh	Disease management	3	
	Tikamgarh	Feed and fodder technology	1	
	Tikamgarh	Poultry management	5	

Animal health camps to be organized

Name of KVK	Number of camps	No.of animals	No.of farmers
Tikamgarh	02	-	-

Seed distribution in drought hit states

Name of KVK	Crops	Quantity (qtl)/Nos,	Coverage of area (ha)	Number of farmers
Tikamgarh	Wheat (GW-322)	04.0	4.0	10
Tikamgarh	Wheat (JW-3173)	02.0	2.0	05
Tikamgarh	Maize (JM-216)	0.90	2.0	16
Tikamgarh	Paddy(JR-201)	0.10	2.0	05
Tikamgarh	Paddy(Pusa-1121)	0.10	2.0	05
Tikamgarh	Gram(JG-130)	12.0	16.0	40
Tikamgarh	Gram(JG-16)	22.5	29.0	150
Tikamgarh	Blackgram (Azad-1)	0.96	6.0	12
Tikamgarh	Soybean(JS-93-05)	0.36	4.5	12
Tikamgarh	Soybean(JS 95-60)	1.50	2.0	05
Tikamgarh	Mustard (Pusa Bold)	0.022	2.0	12

Seedlings and Saplings to be distributed

Name of KVK	Major group	Crops	Varieties	Seedlings/Quantity (No.)	Coverage of area (ha)	Number of farmers
Tikamgarh	Vegetables	Tomato	Azad-1,Narendra Tomato -6	2,000	0.20	11
Tikamgarh	Vegetables	Brinjal	Pant Rituraj	2,000	0.20	10
Tikamgarh	Vegetables	Chilli	Super Disha,	2,000	0.20	10
Tikamgarh	Vegetables	Cauliflower	Nuzi Snow White (Hy.)	1,000	0.20	10
Tikamgarh	Vegetables	Bottle guard	Azad Harit	500	0.10	05
Tikamgarh	Vegetables	Onion	Pusa Red,	25,000	0.10	16
Tikamgarh	Vegetables	Onion	N-53	0.10	0.10	16
Tikamgarh	Flowers	Marigold	Pusa Narangi, Pusa Basanti	2,000	0.10	10

Bio-control Agents

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

Bio-Fertilizer

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

Verms Produced

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

Large scale adoption of resource conservation technologies

Name of KVK	Crops/cultivars and gist of resource conservation technologies introduced	Area (ha)	Number of farmers
Tikamgarh	SRI in paddy	200	600
Tikamgarh	Ridge and furrow in soybean	500	800
Tikamgarh	In-situ moisture conservation through deep ploughing	200	600
Tikamgarh	Use of fertilizers as per recommendation through soil health card	150	450
Tikamgarh	Early maturing varieties of soybean-JS 95-60	400	1,200
Tikamgarh	Short duration and high yielding maize variety-JM-216	100	300
Tikamgarh	YMV resistant variety of blackgram-Azad-1	800	2,000
Tikamgarh	Suitable for rainfed and wilt resistant variety-gram (JG-130)	500	1,600

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
Tikamgarh	04	124	06	216	12	635	01	3300	03	6300	03	216

28. Proposal of NICRA

1. Varieties to be demonstrated

S.No.	Name of Crop	Variety	Area (ha.)	No. of Beneficiaries	Yield	% Changing yield
1.	Soybean	JS-95-60	15	75		
2.	Black gram	Azad -1	15	75		
3.	Maize	JM- 216	06	15		
4.	Sesame	TKG-306	10	30		
5.	Wheat	GW-322	20	50		
6.	Gram	JG - 11	06	15		
7.	Mustard	Pusa Agrani	10	30		

2. Appropriate intercropping systems

S.No.	Name of Crop	Area	No. of Beneficiaries
1.	Gram + Mustard	02	05
2.	Wheat + Mustard	02	05

3. Technologies to be demonstrated

S. No.	Name of Technologies	No. of Demo	Area (ha.)	No. of Beneficiaries
1.	Bio gas	20	-	20
2.	Vermi compost unit	05	-	05
3.	Sprinkler set	05	05	05
4.	Drip system	02	01	02

4. Seed Bank

S.No.	Crop	No. of Beneficiaries
1.	Soybean	05
2.	Wheat	05

5. Extension Activities

S.No.	Name of Activity	No. of Activity	No. of Beneficiaries
1.	Field Day	05	300
2.	Training	12	300
3.	Exposure visit	01	25
4.	C.D. Show	03	60
5.	Animal Health Camp	02	200

6. Rain water Harvesting

S.No.		No. Unit
1.	Stop Dam	02

7. In situ moisture conservation

S.No.	Name of Activities	Area	No. of Beneficiaries
1.	Summer deep sloughing	50	125
2.	Ridge & furrow	30	75
3.	Broad bad & furrow	26	95

29. Proposed works under NAIP (in NAIP monitoring format)

Krishak Sangosthi

S.N.	Title	Proposed Date for training	No. of Participants	Duration (Days)
1	Kharif - Oilseeds & Pulses	I st Quarter	30	01
2	Kharif – Livestock Feeding	II nd Quarter	30	01
3	Rabi – Oilseeds	III rd Quarter	30	01
4	Composite fish farming	IV th Quarter	30	01
5	Soil & Water Conservation	IV th Quarter	30	01

30. Status of Revolving Funds (Rs.)

KVK Name	Account No.	Opening balance (Rs.)	Closing balance (Rs.)	Current status (Rs.)
Tikamgarh				
Tikamgarh				
Tikamgarh				

31. Awards & Recognitions

KVK Name	Name of award /awardee	Type of award (Ind./Group/Inst./Farmer)	Awarding Organizations	Amount received
Tikamgarh				
Tikamgarh				
Tikamgarh				

32. Case study / Success Story to be developed – Two best only in the following format

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

Sr. no.	Name of KVK	No. of success stories	No. of case studies
	Tikamgarh		
	Tikamgarh		
	Tikamgarh		

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