

**J.N.K.V.V., KRISHI VIGYAN KENDRA, TIKAMGARH (M.P.)**  
**ACTION PLAN PERIOD – Rabi 2010, Kharif 2011 and Rabi 2011-12**

**Details of Adopted village (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	Pahari-Tilwaran	2009-10	Tikamgarh	10	7001	821
Tikamgarh	Kanti	2010-11	Tikamgarh	20	1200	430
Tikamgarh	Hanumansagar	2009-10	Tikamgarh	09	520	169
Tikamgarh	Bhopalpura	2009-10	Prathivipur	65	1230	254
Tikamgarh	Sagoni	2010-11	Tikamgarh	20	1001	233
Tikamgarh	Devpur	2009-10	Tikamgarh	15	560	156
Tikamgarh	Jamdar	2009-10	Tikamgarh	10	850	210
Tikamgarh	Kanti	2010-11	Jatara	45	700	180
Tikamgarh	Bajarang Kheda	2010-11	Tikamgarh	14	590	200
Tikamgarh	Hateri	2010-11	Jatara	60	500	160

**THRUST AREA IDENTIFIED BY KVKs (Approved by competent Authority in meetings/workshop)**

KVK Name	THRUST AREA
Tikamgarh	<b>Paddy:</b> (i) Replacement of old varieties      (ii) Integrated Nutrient management      (iii) Integrated Weed management
Tikamgarh	<b>Jowar:</b> (i) Introduction of Hybrid/ High yielding varieties
Tikamgarh	<b>Soybean:</b> (i) Imbalance dose of fertilizers      (ii) Insect Pest incidence      (iii) Weed infestation
Tikamgarh	<b>Sesame:</b> (i) Replacement of old varieties and enhancement of seed replacement rate
Tikamgarh	<b>Black gram:</b> High yielding yellow vein mosaic resistant varieties
Tikamgarh	<b>Wheat:</b>

	(i) Balance dose of fertilizers      (ii) Weed Management
Tikamgarh	<b>Gram:</b> (i) Management of <i>Helicoverpa armigera</i> , Wilt
Tikamgarh	<b>Mustard:</b> (i) Fertilizer Management      (ii) Aphid Management      (iii) High yielding variety
Tikamgarh	<b>Potato:</b> (i) Adequate fertilizer      (ii) Plant Protection      (iii) Value addition and processing
Tikamgarh	<b>Chilli:</b> (i) Disease management      (ii) Introduction of hybrid/ High yielding variety      (iii) Integrated nutrient management
Tikamgarh	<b>Ginger:</b> (i) Seed replacement      (ii) Integrated Disease management
Tikamgarh	<b>Ber:</b> (i) Rejuvenations of old plant Local varieties and value addition
Tikamgarh	<b>Papaya, Mango and Guava:</b> Varietals performance and Value addition
Tikamgarh	<b>Live Stock:</b> (i) Disease management      (ii) Green Fodder      (iii) Breed improvement      (iv) Stall feeding, Fodder production

### PROBLEM IDENTIFIED BY KVKs (Approved by competent Authority in meetings/workshop)

KVK Name	Problems identified
Tikamgarh	Low yield of crops
Tikamgarh	Unavailability of quality seeds/varieties
Tikamgarh	Indiscriminate use of pesticides
Tikamgarh	Imbalance use of fertilizers
Tikamgarh	Low yield of vegetables
Tikamgarh	Low yield of fruits crops
Tikamgarh	Low yield of spices
Tikamgarh	Degradation of resources
Tikamgarh	Nutritional insecurity ,Low income and high drudgery of farm women
Tikamgarh	Low income due to lack of value addition
Tikamgarh	Low efficiency of farm machinery
Tikamgarh	Low soil fertility
Tikamgarh	Low milk production due to non-descriptive animals
Tikamgarh	Low efficiency in information delivery of information technology

## REPORTING PERIOD – KHARIF 2009 and RABI 2009-10

### 1. Summery of TECHNICAL ACHIEVEMENTS

**Table 1.1:** Details of target of mandatory activities by KVK 2010-11 (Season based activity like OFT, FLD, Seed – Reporting period is Rabi 2010-11; Kharif 11 and Rabi 2011-12; for training and others – Reporting Period from October, 2010 to September, 2011)

KVK Name	Activity	Target	
		Number of activity taken	Number of farmers/ beneficiaries
Tikamgarh	OFTs	12	60
Tikamgarh	OFT converted to FLDs	12	120
Tikamgarh	FLDs – Oilseeds (activity in ha)	10	24
Tikamgarh	FLDs – Pulses(activity in ha)	10	24
Tikamgarh	FLDs - Cotton(activity in ha)	-	-
Tikamgarh	FLDs – Other than Oilseed and pulse (activity in ha/ unit if taken in Enterprise)	12	120
Tikamgarh	Training-Farmers and farm women	82	1640
Tikamgarh	Training-Rural youths	06	120
Tikamgarh	Training- Extension functionaries	10	200
Tikamgarh	Extension Activities	147	11980
Tikamgarh	Seed Production (Number of activity is as seeds in quintal)	340	-
Tikamgarh	Planting material ((Number of activity is as number of planting material)	9000	400

**Table 1.2: Abstract of interventions to be taken during October, 2010 to March, 2012**

KVK name	Thrust area	Crop/ Enterprise	Identified Problem	Interventions					
				Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.
Tikamgarh	Crop Production Management (CPM)	Sesame	Low economic return from summer moong due to heavy incidence of YVM (affected area 200 ha)	Assessment of Sesame in summer season	-	-	-	Meetings/ Discussion	Fertilizers
Tikamgarh	Varietal replacement	Soybean	Yield reduction (30%) due to moisture stress at flowering and grain formation stage and early withdrawal of rainfall (affected area 20000 ha)	Assessment of soybean variety JS 95-60		Production technology of Soybean		Meeting /Discussion	Seeds/ fertilizers
Tikamgarh	Varietal replacement	Paddy	Low yield (575 Kg/ha) due to traditional variety (Sathia) under upland condition (affected area 6000 ha)	Assessment of rice variety JR-201 in rainfed condition		Production technology of in rainfed condition		Meeting/Discussion	Seeds
Tikamgarh	Integrated nutrient management (INM)	Ginger	Yield reduction (37%) due to heavy incidence of soft rot in ginger ( affected area 52%)	Assessment of Integrated Management of soft rot in ginger					

Tikamgarh	Horticulture	Bottle guard	Low yield (25%) due to less numbers of female flowers ( affected area 60% )	Assessment of growth regulator NAA in bottle-guard				Meeting/Discussion	Hormone
Tikamgarh	Varietal replacement	Brinjal	Low yield (40%) due to local variety (Bhatoi) (affected area 80%)	Assessment of Brinjal variety – Pant Rituraj			Vegetable production technology	Meeting	seedlings
Tikamgarh	Integrated nutrient management (INM)	Mustard	Yield reduction (30%) due to heavy aphid infestation in mustard (affected area 75% )	Assessment of Integrated Management of aphid in mustard		Mustard Production technology			Seeds
Tikamgarh	Integrated nutrient management (INM)	Mustard	Low yield mustard due to sulphur deficiency in soil	Assessment of integration of sulphur in Mustard					
Tikamgarh	Integrated nutrient management (INM)	Potato	Low yield (49%) due to imbalance use of fertilizers ( affected area 1500 ha)	Assessment of integrated nutrient management in potato		Scientific cultivation of potato		Meetings	Fertilizers
Tikamgarh	Varietal replacement	Marigold	Low income of farm women due to use of indigenous variety of marigold	Assessment of marigold variety Pusa Narangi				Meetings/discussion	Seed
Tikamgarh	Value addition	Value addition	Low income of farm women due to no value addition in soybean	Assessment of value addition of Soybean through preparation of Soya milk					
Tikamgarh	Value addition	Value addition	Low income of farm women due to no value addition of Ber.	Assessment of value addition in Ber for income generation					

Tikamgarh	Resources conservation	Soybean	Yield reduction (21%) due to broadcasting method of sowing and erratic rainfall pattern in medium to black soils (affected area 20,000 ha)		Demonstration of Ridge and furrow method in soybean				Sowing through Seeddrill
Tikamgarh	Resources conservation	Rice	Low yield (1100 Kg/ha) due to traditional transplanting method (affected area 600 ha)		Demonstration of System rice intensification (SRI) method of transplanting in Paddy	Cultivation of rice through SRI method		Meetings/discussion	Seed
Tikamgarh	Varietal replacement	Maize	Low (416 kg/ha) yield of maize due to adoption of long duration degenerated maize varieties (affected area 1200 ha)		Demonstration of maize variety JM-216			Meetings/discussion	Seed / Fertilizers
Tikamgarh	Integrated nutrient management (INM)	Sesame	Poor yield (350kg/ha) due to no use of fertilizer (0:0:0 kg/ha) in medium soils under rainfed condition (affected area 6000 ha)		Demonstration of Integrated nutrient management (INM) in sesame		Integrated Nutrient management in oil seed crops	Meetings	Fertilizers
Tikamgarh	Integrated nutrient management (INM)	Ginger	Poor yield (4t/ha) due to no use of balance fertilizers (NPK) ( affected area 500 ha)		Demonstration of Integrated nutrient management (INM) in Ginger				

Tikamgarh	Integrated nutrient management (INM)	Aonla	Low yield, Poor plant growth and late bearing /fruiting in aonla tree		Demonstration of Integrated nutrient management (INM) in Aonla			Meetings	Fertilizers
Tikamgarh	Women empowerment	Drudgery reduction	High drudgery and low efficiency of farm women involved in maize shelling manually		Demonstration of tubular maize Sheller for drudgery reduction and increase efficiency of farm women involved in maize shelling.			Meetings	Maize seller
Tikamgarh	Malnutrition	kitchen garden	Food & nutritional insecurity of farm women due to unavailability of functional fruit & vegetables at household level (affected population 80% of farm women)		Demonstration of performance of backyard nutritional kitchen garden	Importance of nutritional garden in malnutrition		Meetings	Seedlings
Tikamgarh	Live stock production & management	Live stock	Low milk production due to endo and ecto parasite infestation		Demonstration of composite dewormer for endo and ecto parasite in the animal	Management & maintenance of animals		Meetings	Medicines

Tikamgarh	Farm Women	Serrated sickle	Low efficiency and high drudgery of farm women in harvesting of soybean.		Demonstration of drudgery reduction and increase efficiency of farm women involved in harvesting of soybean through serrated sickle.			Meetings/discussion	Serrated sickle
Tikamgarh	Integrated Disease management	gram	Low yield (12.0%) in yield due to heavy incidence of wilt (affected area 10,000 ha)		Demonstration of integrated wilt management in gram		Plant protection measurement in rabi pulses	meetings	Fungicides
Tikamgarh	Integrated crop management	Onion	High planting density resulting poor yield (12%) due to small size of bulb (affected area 300 ha)		Demonstration of planting geometry in Rabi season Onion	Scientific cultivation of Onion		meeting	Seeds



## 2. OFT(to be conducted during Rabi 2010-11; Kharif 2011 and; Rabi 2011-12)

### 2.1 Basic information of the Technology taken by the KVK

KVK name	Year	Season	Category of technology (Assessment/Refinement)	Thematic area code	Title of OFT	OFT ID No* (to be create by the KVK)	Crop/Enterprise	No of trails (target)	Area in ha (target)
Tikamgarh	0911	03	Assessment	13	Assessment of Sesame in summer season	091101	Sesame	05	02
Tikamgarh	0911	01	Assessment	13	Assessment of soybean variety JS 95-60	091102	Soybean	05	02
Tikamgarh	0911	01	Assessment	13	Assessment of rice variety JR-201 in rainfed condition	091003	Rice	05	02
Tikamgarh	0911	01	Assessment	21	Assessment of Integrated Management of soft rot in ginger	091104	Ginger	05	0.25
Tikamgarh	0911	01	Assessment	13	Assessment of growth regulator NAA in bottle-guard	091105	Bottle guard	05	02
Tikamgarh	0911	01	Assessment	13	Assessment of Brinjal variety – Pant Rituraj	091106	Brinjal	05	02
Tikamgarh	0912	02	Assessment	20	Assessment of Integrated Management of aphid in mustard	091207	Mustard	05	02
Tikamgarh	0912	02	Assessment	13	Assessment of integration of sulphur in Mustard	091208	Mustard	05	0.25
Tikamgarh	0912	02	Assessment	14	Assessment of integrated nutrient management in potato	091209	Potato	05	0.25
Tikamgarh	0912	02	Assessment	13	Assessment of marigold variety Pusa Narangi	091210	Marigold	05	0.25
Tikamgarh	0912	02	Assessment	19	Assessment of value addition of Soybean through preparation of Soya milk	091211	Soybean	05	-
Tikamgarh	0912	02	Assessment	19	Assessment of value addition in Ber for income generation	091212	Ber	05	-

## 2.2 Details of Problems taken as OFT by the KVK

KVK name	Problem diagnose/defined	OFT ID No	Crop	Farmers' practice	Farming situation				Total Area (in ha) where crop affected by the problem taken in the OFT	Name of the block(s) under KVK where the problem occurs
					Soil type	Irrigation	Type of Cultivation (Low land/ Mid land/ Up land)	Cropping system		
Tikamgarh	Low economic return from summer moong due to heavy incidence of YVM (affected area 200 ha)	091101	Sesame	Summer moong	Light	Rainfed	Upland	Mustard-sesame	200	Tikamgarh
Tikamgarh	Yield reduction (30%) due to moisture stress at flowering and grain formation stage and early withdrawal of rainfall (affected area 20000 ha)	091102	Soybean	Old variety JS-335	Medium	Irrigated	Mid land	Gram-Soybean	20000	Tikamgarh
Tikamgarh	Low yield (575 Kg/ha) due to traditional variety (Sathia) under upland condition (affected area 6000 ha)	091003	Rice	Local variety, Sathia	Heavy	Irrigated	Low land	Paddy-gram	6000	Tikamgarh
Tikamgarh	Yield reduction (37%) due to heavy incidence of soft rot in ginger ( affected area 52%)	091104	Ginger	No seed treatment	Light	Irrigated	Mid land	Ginger-Vegetable	52%	Prthvipur
Tikamgarh	Low yield (25%) due to less numbers of female flowers ( affected area 60% )	091105	Bottle guard	No use of growth regulator	Medium	Irrigated	Mid land	Bottle guard-Black gram	60%	Tikamgarh
Tikamgarh	Low yield (40%) due to local variety (Bhatoi) (affected area 80%)	091106	Brinjal	Local variety (Bhatoi)	Medium	Irrigated	Mid land	Brinjal-Soybean	80%	Tikamgarh
Tikamgarh	Yield reduction (30%) due to heavy aphid infestation in mustard (affected area 75% )	091207	Mustard	Indiscriminate use of insecticides	Light	Rainfed	Up land	Mustard-Soybean	75%	Tikamgarh
Tikamgarh	Low yield mustard due to sulphur deficiency in soil	091208	Mustard	No use of sulphur in Mustard crop	Light	Rainfed	Up land	Mustard-Soybean	75%	Tikamgarh

Tikamgarh	Low yield (49%) due to imbalance use of fertilizers ( affected area 1500 ha)	091209	Potato	Imbalance use of fertilizers ( 57:46:0 NPK kg/ha)	Medium	Irrigated	Mid land	Potato-	1500	Tikamgarh
Tikamgarh	Low income of farm women due to use of indigenous variety of marigold	091210	Marigold	Use of indigenous variety (Gandi)	Medium	Irrigated	Mid land	Gram-marigold	92%	Tikamgarh
Tikamgarh	Low income of farm women due to no value addition in soybean	091211	Soybean	No value addition in soybean	Medium	Irrigated	Mid land	Soybean-mustard	85%	Tikamgarh
Tikamgarh	Low income of farm women due to no value addition of Ber.	091212	Ber	No value addition in Ber	Upland	Rainfed	Mid land	-	89%	Tikamgarh

### 2.3 Details of solution taken for technology assessment/refinement by the KVK

KVK Name	OFT ID No	Details of technology selected	Source of technology	If refinement in the technology, give details of refinement over recommended practices
Tikamgarh	091101	Sesame variety JTS-306	JNKVV 2006	-
Tikamgarh	091102	JS 95-60	JNKVV, 2007	-
Tikamgarh	091003	JR-201	JNKVV, 2004	-
Tikamgarh	091104	Deep summer ploughing + soil solarization (use of black polythene sheet) + seed treatment with <i>T. viridae</i> @ 6 g/kg of seed	IISR, Calicut 2002	-
Tikamgarh	091105	Induction of female flowers spray of NAA at 2 & 4 leaf stage @ 20 PPM	IVRI 2003	-
Tikamgarh	091106	High yielder , round shape fruits and purple color	GBPUA&T, 2004	-
Tikamgarh	091207	Removal of affected twings + Imidachloroprid @ 5 ml/ 15 lit of water.	JNKVV 2002	-
Tikamgarh	091208	80: 40 : 20 :40 NPKS kg / ha	JNKVV 2000	-
Tikamgarh	091209	120 :100 : 100 NPK kg/ha + 4 t/ha Vermicompost + 2.5 kg/ha Azoto + PSB each	CPRI 2002	-
Tikamgarh	091210	Use of improved variety (Marigold) – Pusa Narangi	2002, IARI, New Delhi	-
Tikamgarh	091211	soybean + water + color + CA + sugar + salt + flavour	2004, CIAE, Bhopal	-
Tikamgarh	091212	Value addition in Ber through development of Gatagat (Berchur powder + Sugar, Jeggery + Citric acid + preservative	JNKVV 2004	-

KVK Name	OFT ID No	Parameter name	Unit of measurement for parameter
Tikamgarh	091101	Maturity	Days
Tikamgarh	091101	Capsules	/ plant
Tikamgarh	091101	Yield	q/ha
Tikamgarh	091101	Net return	Rs/ha
Tikamgarh	091102	Maturity	Days
Tikamgarh	091102	Pods	/ plant
Tikamgarh	091102	Test weight	g
Tikamgarh	091102	Yield	q/ha
Tikamgarh	091102	Net return	Rs/ha
Tikamgarh	091003	Days	maturity
Tikamgarh	091003	No. Of tillers	/plant
Tikamgarh	091003	Test weight	g
Tikamgarh	091003	Yield	q/ha
Tikamgarh	091104	Incidence	%
Tikamgarh	091104	Weight of rhizome	/plant
Tikamgarh	091104	Yield	q/ha
Tikamgarh	091105	No. Of flowers	/plant
Tikamgarh	091105	No. Of fruits	/plants
Tikamgarh	091105	Yield	q/ha
Tikamgarh	091106	Fruit weight	g
Tikamgarh	091106	No. Of Fruit	/plant
Tikamgarh	091106	Yield	q/ha
Tikamgarh	091207	Infestation	%
Tikamgarh	091207	No. Of pod	/plant
Tikamgarh	091207	Test weight	g
Tikamgarh	091207	Yield	q/ha
Tikamgarh	091208	Height of plants	cm
Tikamgarh	091208	Capsules	/ plant
Tikamgarh	091208	Yield	q/ha
Tikamgarh	091208	Net return	Rs/ha

Tikamgarh	091209	No. Of tubers	/ plant
Tikamgarh	091209	Weight of tuber	g
Tikamgarh	091209	Yield	kg/ ha
Tikamgarh	091210	Weight of flowers	/ plant
Tikamgarh	091210	Nos. Of flowers	/plant
Tikamgarh	091210	Yield	Kg/ha
Tikamgarh	091211	Income	Additional from value addition
Tikamgarh	091211	Net return	Rs/kg
Tikamgarh	091211	Yield	lit/kg
Tikamgarh	091211	Evaluation	Sensory
Tikamgarh	091212	Observation	Technical
Tikamgarh	091212	Income	Additional from value addition
Tikamgarh	091212	Net return	Rs/kg

### 3. Frontline Demonstrations (to be conducted during Rabi 2010-11, Kharif 2011 and Rabi 2011-12)

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

List of technologies to be demonstrated during previous year and popularized during 2010-11 and recommended for large scale adoption in the district

KVK Name	Crop/ Enterprise	Year and season for conducted FLD	Thematic Area Code	Technology demonstrated	Details of popularization methods suggested to the Extension system	Horizontal spread of technology		
						Name of villages	No. of farme rs	Area in ha
Tikamgarh	Soybean	Kharif 2009-10	13	Line Sowing, JS-93-05, 20:60:20:30 NPKS Kg/ha <i>Rizobi</i> + PSB @ 20 g/kg seed, deep summer ploughing + 1 spray of <i>Trizophos</i> at 40-45 DAS @ 1000ml/ha	Training and demonstration	Judawan, Patha, Karmarai, Pahari- Tilwaran, Surajpur, Jamdar, Devpur	2500	30000
Tikamgarh	Mustard	Rabi 2008-09	13	Improved seed of variety PUSA AGRANI, RDF (NPKS 80:40:20:30 kg/ha) + PSB @ 20g/kg seed,+ <i>Azoto</i> + 1 spray	Training and demonstration	Judawan, Bamhori, Hanumansagar , Patha, Karmarai, Surajpur , Kanti	700	1210

				of Imidachloroprid @ 5 ml/15 lit. of water.				
Tikamgarh	Blackgram	Kharif 2009-10	13	Seed of improved variety Azad-1, RDF (NPKS- 20:60:20:25 kg/ha) + <i>Rhizobium</i> + PSB @ 10g/kg + 1 HW at 20-25 DAS.	Training and demonstration	Judawan , Brijpura, Rigora, Pahari Tilwaran, Surajpur, Charpuvan, Jamdar Devpur	700	8500
Tikamgarh	Gram	Rabi 2009-10	13	Seed of improved variety JG-130, Seed treatment by trichoderma veride @ 5g/kg seed + Deep ploughing + Feromone trap + Bird percher @ 50/ha + spray of quenolphos @ 2ml/lit of water.	Training and demonstration	Judawan, Hanuman sagar, Patha, Rigora, Heera Nagar, Karmarai, Pahari Tilwaran, Surajpur, Jamdar, Devpur	450	600

**1.2 Details of FLDs to be implemented during Rabi 2010-11; Kharif 2011 and; Rabi 2011-12 (Information is to be furnished in the following two tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)**

KV KName	Crop	Season	Year	Thema tic area code	Name of the technology to be demonstrate	Detail description of the technology	Area (ha) to be propose d	No. of farmers/ Demonstration to be targeted			
								SC	ST	Other s	Total
Tikamgarh	Paddy	Kharif	2011	22	SRI method 10 to 12 days old seedlings, one seedling per hill, spacing 25x25 cm	SRI method 10 to 12 days old seedlings, one seedling per hill, spacing 25x25 cm	02	02	01	07	10
Tikamgarh	Maizel	Kharif	2011	10	Varietal replacement	JM-216 , Early maturing (95-100 days) , yield – 35 q/ha	02	02	01	07	10
Tikamgarh	Sesame	Kharif	2011	14	INM	60:40:20:30 NPKS kg/ha + <i>Azoto</i> + <i>PSB</i> @ 2.5 kg/ha	02	02	01	07	10
Tikamgarh	Ginger	Kharif	2011	14	INM	FYM @ 10 t/ha + 75:75:50 NPK kg/ha	05	02	01	09	12

Tikamgarh	Aonla	Kharif Rabi	2011-12	14	INM	FYM @25Kg/plant+ 100:50:50 NPK(g)/plant	05	02	01	09	12
Tikamgarh	Kitchen garden	Kharif Rabi	2011-12	23	Plan round the year availability of nutritive vegetable & fruits in the garden (25x10m)	VEGETABLES (Okra-VRO-6, Brinjal, Chilli, Tomato, Bitter-guard, Bottle-guard, Spinach, Cauliflower, Coriander, Potato, Carrots, Radish, Fenugreek, Cabbage etc. ) FRUITS (Papaya, Drumstick, Lime, Aonla, Pomgranate, Guvua, Karonda, etc.)	05	02	01	09	12
Tikamgarh	Gram	Rabi	2011	21	IDM	Summer deep ploughing +crop rotation+ seed treatment with <i>T. viride</i> @4g/Kg of seed +Vitavax 1.0 g/Kg of seed.	10	05	02	18	25
Tikamgarh	Onion	Rabi	2011	13	Spacing 15 X 10 cm	Spacing 15 X 10 cm	05	02	01	07	10

#### Extension and Training activities under FLD

KVK Name	Crop*	Season	Year	Activity	No. of activities to be organized					
					Pre-sowing	Post-sowing	Mid season	Before harvest	After harvest	Total
Tikamgarh	Mustard	Rabi	2010-11	Field days	-	-	-	01	-	01
Tikamgarh	Mustard	Rabi	2010-11	Farmers Training	01	01	01	01	-	04
Tikamgarh	Mustard	Rabi	2010-11	Media coverage	-	-	01	-	01	02
Tikamgarh	Mustard	Rabi	2010-11	Training for extension functionaries	01	01	-	-	-	02
Tikamgarh	Gram	Rabi	2010-11	Field days	-	-	-	01	-	01
Tikamgarh	Gram	Rabi	2010-11	Farmers Training	01	01	01	01	-	04
Tikamgarh	Gram	Rabi	2010-11	Media coverage	-	-	01	-	01	02
Tikamgarh	Gram	Rabi	2010-11	Training for extension functionaries	01	01	-	-	-	02
Tikamgarh	Soybean	Kharif	2011	Field days	-	-	-	01	-	01
Tikamgarh	Soybean	Kharif	2011	Farmers Training	01	01	01	01	-	04
Tikamgarh	Soybean	Kharif	2011	Media coverage	-	-	01	-	01	02
Tikamgarh	Soybean	Kharif	2011	Training for extension functionaries	01	01	-	-	-	02
Tikamgarh	Black gram	Kharif	2011	Field days	-	-	-	01	-	01

Tikamgarh	Black gram	Kharif	2011	Farmers Training	01	01	01	01	-	04
Tikamgarh	Black gram	Kharif	2011	Media coverage	-	-	01	-	01	02
Tikamgarh	Black gram	Kharif	2011	Training for extension functionaries	01	01	-	-	-	02
Tikamgarh	Mustard	Rabi	2011-12	Field days	-	-	-	01	-	01
Tikamgarh	Mustard	Rabi	2011-12	Farmers Training	01	01	01	01	-	04
Tikamgarh	Mustard	Rabi	2011-12	Media coverage	-	-	01	-	01	02
Tikamgarh	Mustard	Rabi	2011-12	Training for extension functionaries	01	01	-	-	-	02
Tikamgarh	Gram	Rabi	2011-12	Field days	-	-	-	01	-	01
Tikamgarh	Gram	Rabi	2011-12	Farmers Training	01	01	01	01	-	04
Tikamgarh	Gram	Rabi	2011-12	Media coverage	-	-	01	-	01	02
Tikamgarh	Gram	Rabi	2011-12	Training for extension functionaries	01	01	-	-	-	02

\*Activity (Column No 3) must be repeated for each crop

### 3.3 Details of FLD on Enterprises

#### (i) Farm Implements

KVK Name	Name of the implement	Crop	No. of farmers				Area (ha)	Name of Performance parameters/ indicators with unit of measurement ( <b>Performance indicator along with measurement unit should be separated by comma only and second performance indicator should be separated by semi-colon only</b> )
			SC	ST	Others	Total		
Tikamgarh	Serrated Sickle	Soybean	03	01	09	12	05	Field visit, Demonstration, Training, Field day
Tikamgarh	Ridge and furrow method	Soybean	02	02	08	12	05	No. of pods/plant, test weight(g), yield(q/ha)
Tikamgarh	Maize seller	Maize	03	01	09	12	05	Time required for shelling of 100 cobs (hr), Output (Kg/hr), % increase efficiency

#### (ii) Livestock Enterprises

KVK Name	Name of Enterprise	Breed	No. of farmers	No. of animals, poultry birds etc.	Name of Performance parameters/ indicators with unit of measurement ( <b>Performance indicator along with measurement unit should be separated by comma only and second performance indicator should be separated by semi-colon only</b> )
Tikamgarh	Cows	Cross bred	12	12	Faecal sample examination for % helminthes (eggs), Pre & post treatments, skin samples examination for ecto and endo parasites pre and post treatment, body weight, milk production



**(iii) Other Enterprises**

KVK Name	Enterprise	Variety/ breed/ Species/others	No. of farmers to be targeted				Type of Units for demonstration (give details)	No. of Units to be Targeted	Name of Performance parameters/ indicators with unit of measurement ( <b>Performance indicator along with measurement unit should be separated by comma only and second performance indicator should be separated by semi-colon only</b> )
			SC	ST	Others	Total			
Tikamgarh	Mushroom	-	-	-	-	-	-	-	-
Tikamgarh	Apiary	-	-	-	-	-	-	-	-
Tikamgarh	Sericulture	-	-	-	-	-	-	-	-
Tikamgarh	Vermi compost	-	-	-	-	-	-	-	-
Tikamgarh	KMS(Kishan Mobile Sandesh)	Need based messages of agricultural technologies	100	100	800	1000	-	1000	Effectiveness of source of IT,%;Understanding about messages,%;Requirement of sanded messages,%;Save the losses through applied messages,%