# KIRISHI VIGYAN KENDRA, KATIHAR ACTION PLAN (April 2010 to September 2010)

		Acti	on Plan on Training Programme	es (April 20	010-Seteml	oer 2010)						]
Discipline	Qrt No. & Month	Course Title	Course Objectives	Dura- tion	Total no. of	Total No. of	Venue off/on	Pa	artici	pants (Nos	;)	
				(days)	course	trainee days	campus	М	W	М	W	Total
For Practicin	g Farmers &	Farm Women										
Agronomy	I Apr.' to Jun'10	1. Commercial cultivation of jute crop	To impart knowledge for scientific cultivation and retting management of Jute	4	6	375	On	5	-	20	-	25
		2. Scientific cultivation of summer pulse crops	To develop skill and knowledge for sustainable cultivation	3	5	375	On	5	-	20	-	25
		3. Water weed and nutrient management of Boro paddy	To develop knowledge regarding boro paddy cultivation	2	3	150	Off	5	-	20	-	25
	II July to Sept.'10	1. Scientific cultivation kharif paddy	To impart knowledge regarding variety, water weed nutrient management of paddy	2	3	150	Off	5	-	20	-	25
		2. Improved cultivation kharif pulse crop	To improve the knowledge regarding pulse cultivation	3	5	375	On	5	-	20	-	25
		Recent technology for kharif oilseed cultivation	To improve know regarding oilseeds cultivation	3	5	375	On	5	-	20	-	25

		Acti	on Plan on Training Programme	es (April 20	010-Setem	ber 2010)						
Discipline	Qrt No. & Month	Course Title	Course Objectives	Dura- tion	Total no. of	Total No. of	Venue off/on	Pa	artici	pants (Nos		ees
				(days)	course	trainee days	campus	М	w	M	W	Total
Horti- culture	I April to June 10	1. Scientific cultivation of turmeric and ginger	To develop know how regarding scientific cultivation of turmeric and ginger	3	5	375	On	5	-	20	-	25
		2. Scientific method for oal cultivation in Kosi zone	To impart knowledge and skill for oal cultivation	3	5	375	On	5	-	20	-	25
		3. Land preparation and nutrient management for new orchard development	To improve knowledge and skill regarding soil preparation and nutrient management	3	5	375	On	5	-	20	-	25
		4. IPM on summer vegetable crop to avoide environment al pollution	To improve knowledge for low cost tech of insect control	2	3	150	off	5	-	20	-	25
	II July to Sept 10	1. Recent advances for banana cultivation in Katihar district	To improve skill and knowledge regarding banana cultivation	2	4	200	Off	5	-	20	-	25

	-		Plan on Training Programmes									
Discipline	Qrt No. & Month	Course Title	Course Objectives	Dura-tion (days)	Total no. of course	Total No. of trainee days	Venue off/on campus	P	artici	pants (Nos		nees
						uays	campus	Μ	W	M	Ŵ	Total
		2. Improve technology for seedling raising and cultivation of early cauliflower	To impart knowledge and skill for early cauliflower cultivation	2	4	200	Off	5	-	20	-	25
		3. Scientific cultivation of kharif vegetables (Nursery to field)	To improve know how for kharif vegetables cultivation	3	6	450	On	5	-	20	-	25
		4. Improved technology for tomato cultivation (nursery to field)	To develop knowledge and skill regarding tomato cultivation	3	5	375	On	5	-	20	-	25
Plant Protection	I April to June 10	1. Insect pest management in cucurbetacious crops	To acquaint farmers with management of insect of cucurbits	3	5	375	On	5	-	20	-	25
		2. Insect pest management in Boro rice	To increase the skill of farmers about pest management in boro rice	2	4	200	Off	5	-	20	-	25
		<ol> <li>Storage management of rabi grains</li> </ol>	To acquaint the farmers with spoilage of grain in storage and management	2	4	200	On	5	-	20	-	25
		4. Insect and disease management in Bhindi and Brinjal	To increase the skill of farmers about pest and disease management of bhindi and brinjal	3	5	375	On	5	-	20	-	25

		Action Pl	an on Training Programmes	s (April 201	0-Setemb	er 2010)						
Discipline	Qrt No. & Month	Course Title	Course Objectives	Dura- tion	Total no. of	Total No. of	Venue off/on	Pa	articij	pants (Nos		iees
				(days)	course	trainee days	campus	М	W	М	w	Total
	II July to Sept 10	1. Insect and disease management in kharif paddy	To enrich the knowledge of farmers about pest management of kharif paddy	3	5	375	Off	5	-	20	-	25
		2. Insect and disease management in Brinjal	To improve the knowledge of farmers about pest management in brinjal	2	4	200	On	5	-	20	-	25
		3. Management of paddy pests infesting the crop in late stage	To improve the knowledge of farmers about pests management of rice in late stage of the crops	3	4	300	Off	5	-	20	-	25
	l April - June, 10	Entrepreneurship Development of Women's	Gender Empowerment	3	2	120	OFF	4	Ι	16	_	20
		-DO-	-DO-	3	2	120	ON	4	-	16	_	20
		Gender mainstreaming through SHGs	Gender Empowerment	3	2	120	OFF	4	_	16	_	20
		-DO-	-DO-	4	2	160	ON	4	I	16	_	20
		Formation and management of SHGs	To impart knowledge on the self help groups and self sufficiency of women's, landless farmers	2	1	40	OFF	4	_	16	_	20
		Rejuvenation of mango orchards	For increasing production of mango from old orchards	2	2	80	OFF	4	_	16	_	20
	II July - Sept., 10	Bee- keeping	Income generation ways for farmers for sustainability of farm income	2	2	80	Off	4	-	16	-	20

		Action P	an on Training Programmes	s (April 201	10-Setemb	er 2010)						
Discipline	Qrt No. & Month	Course Title	Course Objectives	Dura- tion	Total no. of	Total No. of	Venue off/on	P	artici	pants (Nos		lees
	Wonth			(days)	course	trainee days	campus	М	W	M	w	Total
		- Do-	- Do -	3	2	120	Off	4	-	16	-	20
		Integrated Pest management	To impart knowledge on IPM	3	3	180	Off	4	-	16	-	20
		- Do -	- Do -	4	3	240	On	4	-	16	-	20
		Integrated Nutrient Management	To impart knowledge on INM	3	4	240	-	4	-	16	-	20
		Leadership Development	Leadership development among farmers	2	2	80	Off	4	-	16	-	20
		Integrated farming System	To Impart Income generation among small and marginal farmers.	4	4	320	Off	4	-	16	-	20
Science	I. April – June, 10	Preparation of Potato chips, Badi & papad	To develop knowledge and skill of trainees regarding	4	4	480	ON/ OFF	_	15	_	15	30
			i) Preparation of Potato chips									
			ii) Preparation of Badi									
		Use of Tomato	To develop knowledge and skill on better utilization of perishable Tomato	3	3	225	ON/ OFF	_	9	-	16	25
			I) Preparation of Tomato sauce									
			ii) Preparation of Tomato Pickle									
		Preparation of Pickle	To develop knowledge and skill of trainees regarding different types of seasonal pickle making	3	2	150	ON/ OFF	_	10	_	15	25

		Action	Plan on Training Programmes (	April 2010	-Setember	2010)						
Discipline	Qrt No. & Month	Course Title	Course Objectives	Dura- tion	Total no. of	Total No. of trainee days	Venue off/on		artici	(Nos	5)	
				(days)	course	uuyo	campus	Μ	W	Μ	W	Total
	II. July - Sept, 10	Preparation of Jam/Jellies of mango fruit	To develop knowledge and skill of trainees regarding	3	3	225	ON/ OFF	_	10	_	15	25
			i) Preparation of Mango Jam									
			ii) Preparation of Mango Jellies									
	Preparation of Jam/Jellies of Papita & Guava		3	3	225	ON/ OFF	_	10	_	15	25	
			Preparation of Jellies of Guava									
			Preparation of Jam of Papita									
For Rural Y	<b>outh</b>											
Agronomy			5	12	1500	On	5	-	20	-	25	
	II July to Sept 10	1. Recent technology for seed production of maize	To improve knowledge and skill regarding seed production	5	12	1500	On	5	-	20	-	25

		Action P	lan on Training Programmes	(April 201	0-Setembe	er 2010)						
Discipline	Qrt No. &	Course Title	Course Objectives	Dura-	Total	Total	Venue	P	artici	pants		iees
	Month			tion (days)	no. of course	No. of trainee days	off/on campus	М	w	(Nos M	;)   W	Total
Horticul- ture	I April to June 10	1. Nursery and orchard development establishment management of fruit plants	To impart knowledge and skill regarding establishment of nursery and orchard development	5	15	1875	On	5	-	20	-	25
		2. Fruit preservation	To improve knowledge and skill for furit presentation	6	18	2700	On	5	-	20	-	25
	II July to Sept 10	1. Recent advances in seedling raising, land preparation and nutrient management and varieties of kharif vegetable production	To develop knowledge and skill for kharif vegetable production	3	6	450	On	5	-	20	-	25
		2. Recent technology for early cauliflower and tomato production	To develop skill and knowledge regarding early cauliflower and tomato production	3	6	450	On	5	-	20	-	25
		3. Different method of propagation of litchi guava and lemon	To develop know how regarding production of fruit plants	3	6	450	On	5	-	20	-	25
		4. Scientific cultivation of medicinal and aromatic plants	To improve knowledge and skill regarding production of medicinal and aromatic	3	6	450	On	5	-	20	-	25
		5. Scientific production and establishment of vermicompost unit	To develop knowledge for production of vermin compost	3	6	450	On	5	-	20	-	25

		Actio	n Plan on Training Program	mes (April	2010-Sete	mber 2010	)					
Discipline	Qrt No. &	Course Title	Course Objectives	Dura-	Total	Total	Venue	Pa	artici			iees
	Month			tion	no. of	No. of	off/on			(Nos		
				(days)	course	trainee days	campus	М	W	М	W	Total
Extension Education	I. April - June, 10	Entrepreneurship Development of Women's	Gender Empowerment	4	2	160	On	4	-	16	-	20
		Gender mainstreaming through SHGs	Gender Empowerment	7	4	560	On	4	-	16	-	20
	II. July - Sept., 10	Rejuvenation of mango orchards	For increasing production of mango from old orchards	7	4	560	On	4	-	16	-	20
		Formation and management of SHGs	To impart knowledge on the self help groups and self sufficiency of women's, landless farmers	4	4	320	On	4	-	16	-	20
Home Science	I April - June, 2010	Tie and Dye	To develop knowledge & skill for subsidiary family income from Tie & Dye	8	2	400	ON	_	10	_	15	25
		Painting (Mithila Painting on cloth)	To develop knowledge & skill for subsidiary family income from painting	4	3	300	OLY	-	8	-	17	25
		Preparation of different types of pickles	To increase knowledge about better nutrition and use of vegetables at the time of glut	3	2	150	ON/ OFF	_	10	_	15	25
	II. July - Sept., 10	Preparation of Jam & Jellies	To increase knowledge and skill about better use of fruits & vegetable at the time of glut	3	3	225	ON/ OFF	-	8	-	17	25
		Lack of Nutrition and disease caused by them	To increase knowledge about better nutrition and use of vegetable at the time of glut	3	2	150	ON/OFF	_	10	_	15	25

# **Extension Functionaries**

Dissipling	Qrt No. &	Course Title	an on Training Programmes				Venue	D.		anta	410	
Discipline	Month	Course litie	Course Objectives	Dura- tion	Total no. of	Total No. of	off/on	Pa	artici	pants (Nos	5)	iees
				(days)	course	trainee days	campus	М	W	М	W	Total
Agronomy	April to June 10	<ol> <li>Recent advances in scientific production of paddy</li> </ol>	To develop knowledge about scientific paddy production	2	6	480	On	10	-	30	-	40
	July to Sept 10	Recent technology for land preparation seedling raising water management of paddy crop	To develop knowledge for paddy cultivation	2	6	480	On	10	-	30	-	40
	April to June 10	1. use of bio-pesticide and herbal pesticide in insect pest disease management	To impart knowledge and skill regarding insect pest management	2	6	480	On	10	-	30	-	40
		2. Recent advances for nursery orchard establishment and orchard development	To improve knowledge and skill for nursery and orchard develop and management	2	6	480	On	10	-	30	-	40
	July to Sept 10	1. Recent advances for kharif vegetable production	To develop knowledge and skill regarding vegetable production	2	6	480	On	10	-	30	-	40
		2. IPM in kharif crop	IPM in kharif crop	2	6	480	On	10	-	30		40

		Action F	Plan on Training Programme	es (April 2010	)-Setembe	r 2010)						
Discipline	Qrt No. & Month	Course Title	Course Objectives	Duration (days)	Total no. of	Total No. of	Venue off/on	P	artici	pants (Nos	5)	
					course	trainee days	campus	М	w	М	w	Total
Plant Protection	l April to June10	Plant Protection measures in Summer Crops	To impart knowledge on the plant protection measures of different Summer Crops	3	2	150	On	_	10	_	15	25
	II July to Oct. 10	Plant Protection measures in Kharif Crops	To impart knowledge on the plant protection measures of different Kharif Crops	3	2	150	On	_	10	_	15	25
Home Science	April – Septemb er 2010	Health & Hygiene of children 1. Immunization in Children	To increase the knowledge about health	3	3	225	ON		10		15	25
		2. Safe use of drinking water										
		3. How to avoid diarrhoea in the summer season										

# Krishi Vigyan Kendra, Katihar

### Action Plan of Front Line Demonstration on Oilseeds and Pulses crops from April to September

Sl. No.	crops	Season	Previous crop and cropping systems			Farming situation	Area (ha)	Sowing time	Items components	Cost inputs in Rs.
			Kharif	Rabi	Summer					
А.	Pulse									
1.	Red gram (P-9)	Kharif	Vegetables	Lentil	Fallow	Rainfed	5.0	June-July	Seed + Plant protection input + R. culture	10000.00
В.	Oilseeds									
1.	Sesame (Krishna)	Kharif	Vegetables	Chickpea	Fallow	Rainfed	5.0	June-July	Seed + Plant protection input + R. culture	10000.00
									Total :	20000.00

### Action Plan of Front Line Demonstration on other than Oilseeds and Pulses from April to September

## **Crop Production**

Sl. No.	crops	Previous crop and cropping systems Kharif Pabi Summer			Farming situation	Area (ha)	Sowing time	Items components	Cost inputs in Rs.
		Kharif Rabi Summer							
А.	Cereals								
1.	Paddy	Boro	Paddy	Mustard	Rainfed	5.0	June	Seed + Plant protection	8000.00
	Sakuntala	paddy						measures	
В.	Horticulture								
1.	Cauliflower	Kerela	Radish	Mustard	Irrigated	1.0	AugSept.	-do-	3000.00
	Pant Subhra								

# **ON FARM TRIALS (April to September)**

# <u>CROPS</u>

#### **Object of Investigation :**

**1.** To test newly released jute varieties in Katihar district

Treatment	:	4	Investigator :	Dr. I.N. Sharma & Mr. Pankaj Kumar
$T_1$	-	JRO-128		
$T_2$	-	JRO-66		
$T_3$	-	S-19		
$T_4$	-	JRO-524 (Popular variety)		
Design	:	RBD		
Plot size	:	25 m x 20 m		
Replications	:	7 (farmers)		

#### 2. To test brinjal bacterial wilt tollerent variety in Katihar district

Treatment	:	4	Investigator :	Dr. I.N. Sharma & Mr. Pankaj Kumar
$T_1$	-	Arka Nidhi Arka Kadhay		
${f T_2} {f T_3}$	-	Arka Kedhav Rajendra Baigan 2		
$T_4$	-	Local		
Design	:	RBD		
Plot size	:	25 m x 30 m		
Replications	:	6 (farmers)		

# **Extension** Activities

Sl.	Activities Sub-activities	Annual	Beneficiaries No.					No. of Participants			
No.			SC		ST		Others		]		
			Μ	F	Μ	F	Μ	F	Μ	F	Total
1.	Field Days	12	60	10	60	10	240	60	360	80	440
2.	Kisan Mela	1	200	90	100	50	500	150	800	290	1090
3.	Horticulture show	1	150	50	100	50	600	300	850	400	1050
4.	Any other (specify)										
5.	(a) Scientist, visit to farmer's field	60	70	30	50	20	200	100	320	150	470
	(b) Farmer's visit to KVK farm	300	40	10	25	10	185	30	250	50	300
	(c) Farm Science Club	3	10	5	5	2	120	24	135	31	166
	(d) Farmer's Meeting	3	30	10	15	5	100	30	145	45	190
	(e) Advisory/enquiry	20	30	20	20	10	80	30	130	60	190
	(f) Radio Talk	10									
	(g) Animal Health Camp	2	20	10	15	5	50	20	85	35	120
	(h) TV/Talk	40									
6.	Popular Articles	5									
7.	Pamphlet & Bulletin	5									