

ANNUAL ACTION PLAN: 2009-10

KVK, Thoubal, Manipur.

Guidelines for filling up the Proforma:

1. This Proforma can also be downloaded from the website www.icarzcu3.gov.in Don't type the Proforma again.
2. **Don't change** the page setup of this Proforma under any circumstances. Use the same proforma provided.
3. The Proforma has to be filled up **strictly** in **Arial** font **8** point size in **single** spacing. **Don't use** bold and italics anywhere in the text.
4. The Proforma given below has to be filled up **in full** and no column should be left vacant.
5. If any column appears not applicable to your KVK then it may be filled as 'NA'. **Don't** use any other abbreviations in such cases.
6. Enter data strictly conforming to the units specified in the Proforma. (Ex: ha, kg, qtl etc) Don't enter data in units such as acres or bighas.

**PART – I
(GENERAL INFORMATION)****1. General information about the KVK****Name and address of KVK with Phone, Fax and E-mail***

Complete postal address with Pin Code	Telephone	Fax	E mail
Rice Research Station, Wangbal, Thoubal-795138	03848-201559		kvk thoubal @ gmail.com

Name and address of host organization with Phone, Fax and E-mail*

Complete postal address with Pin Code	Telephone	Fax	E mail
Sanjenthong, Imphal-795001			

Name of the Programme Coordinator with Landline & Mobile No*

Name of PC	Contacts		
	Residence	Mobile	E mail
Dr. O.Nobo Singh	Nil	09856415048	Onobosingh @ gmail.com

* = **Mandatory and to be provided without fail.**

Year of sanction of KVK: 2005-2006

Scientific Staff Position* (As on 30th August, 2009)

No.	Sanctioned posts	Name of the incumbent	Designation	Discipline	Date of joining	Permanent /Temporary
1.	Programme Coordinator	Dr.O.Nobo Singh	Programme co-ordinator	Soil and water conservation	13-6-07	Temporary
2.	Subject Matter Specialist	N.Tomba Singh	SMS (Agronomy)	Agronomy	25-7-07	-do-
3.	-do-	Dr.M.Thoithoi Singh	SMS (Plant protection)	Plant pathology	25-7-07	-do-
4.	-do-	S.Sumangal Singh	SMS (Plant Breeding & Genetics)	PBG	25-7-07	-do-
5.	-do-	Y.Bedajit Singh	SMS (Fisheries)	Fisheries	12-4-07	-do-
6.	-do-	Dr.S.Zeshmarani	SMS (Animal Sc.)	Animal Science	12-4-07	-do-
7.	-do-	Kh.Premalata Devi	SMS (Horticulture)	Horticulture	12-4-07	-do-
8.	Programme Assistant	R.K.Lembisana Devi	Prog.Asst.(Home Sc.)	Home Science	12-4-07	-do-
9.	Computer Programmer	L.Babita Devi	Prog.Asst.(Computer)	Computer	12-4-07	-do-
10.	Farm Manager	W.Jiten Singh	Farm Manager	Agronomy	12-4-07	-do-
11.	Accountant/ Superintendent	NG.Brojendro Singh	Office Suptd. cum Acct.		01-3-07	-do-
12.	Stenographer	M.Geeta Devi	Jr.Steno cum Computer operator		12-4-07	-do-
13.	Driver	M.Hemanta Singh	Driver cum Mechanic		12-4-07	-do-
14.	Driver	Th.Tiken Singh	-do-		03-5-07	-do-
15.	Supporting staff	S.Dhabali Singh	Peon cum Chowkidar		12-4-07	-do-
16.	Supporting staff	Mangminthang Zou	-do-		12-4-07	-do-

* = The scientific staff position should reflect in the quantity and quality of all programmes proposed by KVK in the action plan

Total land with KVK (in ha):

No.	Item	Area (ha)
1.	Under Buildings	0.055
2.	Under Demonstration units	0.016
3.	Under Crops	5.4
4.	Orchard / Agro-forestry	4.529
5.	Others	

SAC meetings proposed for the year:

No.	Proposed Date/Month	Expected Participants	Salient Action Points
1.	November'09	20	OFT, FLD, Training, Budget, Miscellaneous.
2.	August' 10	20	-do-

Details of district (2008-09)

Major farming systems existing in the district* (based on the study made by the KVK)

No	Farming systems identified
1.	Agriculture
2.	Agriculture-Horticulture
3.	Agriculture-Horticulture-Animal Husbandry
4.	Agriculture-Horticulture-Fishery
5.	Agriculture-Animal Husbandry-Fishery
6.	Agriculture-Fishery
7.	Fishery

* = the programmes proposed by KVK should be matching with the identified farming systems

Description of Agro-climatic Zone (based on soil and topography)

No	Agro-climatic Zone	Characteristics
1.	Sub tropical plain zone	The agro-climatic zone of the Thoubal dist. May be characterized by diverse soil type ranging from clay, clay loam, silty loam to peat and muck soil, high rainfall and high RH with distinct temperature variation between summer and winter, wide cultural diversity with different cropping pattern from fruits (pine apple, banana, mango), Vegetables (cauliflower, cabbage, brinjal, tomato), paddy, pulses and oil seeds, fish and farm animals. The district has the following topographical structures:- upland, medium land and low land and shallow lakes.

Description of major agro ecological situations (based on soil and topography)

No	Agro ecological situation	Characteristics
1.	Medium plain, clay/ clay loam	The agro ecological situation mainly comprises the foothills having well drained fine soils on foothills having loamy surface with moderate erosion and slight stoniness.
2.	Marshy land, clay/ clay loam	This may be characterized by organic soils such as pit, muck and clay to clay loam.
3.	Corrugated semi upland, sandy-soil	The characteristics of this AEs is somewhat excessively drained, fine soils steeply sloping side of hillocks having clayey surface with moderate to severe erosion associated with deep well drain silty soils on moderately sloping side slopes of hillocks with moderate erosions.

Details of Operational area / Villages (2009-10)

No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
		Thoubal	Yairipok	Paddy	Injudicious use of fertilizers, Pest and diseases problem, Varietal admixture, failure of crop due to error in planting season.	Integrated pest management, Integrated nutrient management, Balance fertilization, Seed prodn. Of paddy, varietal trials.
				Goat farming	Inadequate housing management	Goat management.
				Fishery	Lack of knowledge for seed prodn.	Induced Breeding.
			Maibam	Paddy	Injudicious use of fertilizers, Pest and diseases problem, Varietal admixture, failure of crop due to	Integrated pest management, Integrated nutrient management, Balance fertilization, Seed prodn. Of paddy., early paddy variety.

					error in planting season	
				Horticulture (Cole crops)	Wrong selection of varieties	Introduction of alternative Cole crops.
			Charangpat	Paddy	Injudicious use of fertilizers, Pest and diseases problem, Varietal admixture, failure of crop due to error in planting season.	Integrated pest management, Integrated nutrient management, Balance fertilization, Seed prodn. of paddy.
				Horticulture (Green chilli)	Die-Back, fruit rot.	Integrated Pest Management.
				Pig farming	Reduce body weight, preweaning mortality.	Piggery Management.
			Uyan	Paddy	Injudicious use of fertilizers, Pest and diseases problem, Varietal admixture, failure of crop due to error in planting season	Integrated pest management, Integrated nutrient management, Balance fertilization, Seed prodn. of paddy.
				Oilseeds & Pulses	Fallow upland areas	Growing of pulses and oilseeds.
				Poultry Farming	Problems in feeding readymade feeds, mortality of birds.	Poultry management.
				Fishery	Lack of knowledge for seed production.	Breeding of indigenous fishes.
			Uchiwa	Paddy	Injudicious use of fertilizers, Pest and diseases problem, Varietal admixture, failure of crop due to error in planting season	Integrated pest management, Integrated nutrient management, Balance fertilization, Seed prodn. of paddy.
				Fishery	Lack of knowledge for Scientific fish farming.	Scientific fish farming.
				Pig farming	Lack of knowledge for Integrated fish cum pig farming.	Integrated fish cum pig farming
			Sangai yumpham	Paddy	Injudicious use of fertilizers, pest and diseases problem, Varietal admixture, failure of crop due to error in planting season	Integrated pest management, Integrated nutrient management, Balance fertilization, Seed prodn. of paddy.
				Poultry farming	Problems in feeding readymade feeds.	Feeding management with locally available feeds.
			Wanging	Paddy	Injudicious use of fertilizers, Pest and diseases problem, Varietal admixture, failure of crop due to error in planting season	Integrated pest management, Integrated nutrient management, Balance fertilization, Seed prodn. Of paddy.
				Poultry farming	Problems in feeding readymade feeds.	Feeding management with locally available feeds.
				Horticulture (Green chilli)	Die Back, fruit rot.	Integrated pest management.
			Lilong	Vegetable crops (Cabbage, cauliflower, onion, broad bean)	Selection of variety, Lack of knowledge of cultivation techniques.	Varietal demonstration & new cultivation techniques.
		Kakching	Thongjao	Paddy	Injudicious use of fertilizers, Pest and diseases problem, Varietal admixture, failure of crop due to error in planting season	Integrated pest management, Integrated nutrient management, Balance fertilization, Seed prodn. Of paddy, varietal trails.
				Fishery	Disease management	Health management.
				Pig farming	Reduce body weight, preweaning mortality.	Piggery management.
			Umathel	Paddy	Injudicious use of fertilizers, Pest and diseases problem, Varietal admixture, failure of crop due to error in planting season	Integrated pest management, Integrated nutrient management, Balance fertilization, Seed prodn. of paddy, varietal trails.
				Oilseeds & pulses	Fallow upland areas	Growing of oilseeds & pulses.
			Waikhong	Paddy	Injudicious use of fertilizers, Pest and diseases problem, Varietal admixture, failure of crop due to error in planting season	Integrated pest management, Integrated nutrient management, Balance fertilization, Seed prodn. of paddy.
				Pig farming	Reduce body weight, Prewearing mortality.	Piggery management
			Wangoo	Paddy	Injudicious use fertilizers, Pest and diseases problem, Varietal admixture, failure of crop due to error in planting season	Integrated pest management, Integrated nutrient management, Balance fertilization, Seed prodn. of paddy.
				Fishery	Lack of knowledge for Scientific fish farming	Scientific fish farming
			Wabgai	Paddy	Injudicious use of fertilizers, Pest and diseases problem, Varietal admixture, failure of crop due to error in planting season	Integrated pest management, Integrated nutrient management, Balance fertilization, Seed prodn. Of paddy, and popularization of SRI in both pre & kharif season
				Horticulture (Chilli, cole crops)	Chilli- Die Back, fruit rot. Cole crops- DBM	Integrated pest management.
				Fishery	Fish disease	Fish health management.
				Potato	Cost of tuber is high.	Seed production.
				Tomato	Low production in off season.	Off season production.
				Dairy farming	Reduce milk yield, reduce body weight.	Dairy management.
						Integrated pest management,

			Sekmajin	Paddy	Injudicious use of fertilizers, Pest and diseases problem, Varietal admixture, failure of crop due to error in planting season	Integrated nutrient management, Balance fertilization, Seed prodn. of paddy. and popularization of SRI in both pre & kharif season.
			Tokpaching	Paddy	Injudicious use of fertilizers, Pest and diseases problem, Varietal admixture, failure of crop due to error in planting season	Integrated pest management, Integrated nutrient management, Balance fertilization, Seed prodn. of paddy.
				Horticulture	Problems of weed & lack of soil moisture conservation measures.	Pineapple plantation by mulching with black polysheet.
				i) Water melon	Wrong selection of variety.	Proper selection of variety.
				ii) Giant chilli	Die Back, fruit borer	Integrated pest management.

Priority thrust areas (prioritized in sync with thrust areas identified and given above)

Rank	Thrust area
1.	Seed Production of various crops, Proper varietal selection.
2.	Integrated Nutrient Management.
3.	Integrated Pest Management.
4.	Management of Pig, Poultry and dairy cattle.
5.	Seed production of fish and health management

**PART – II
(OFT AND FLD)****2. Technical activities proposed****Abstract of interventions to be undertaken during 2009-10 (Target)**

No	Thrust area	Crop/ Enterprise	Identified Problem	Interventions (if any)					
				Title of OFT	Title of FLD	Title of Training	Title of training for extension personnel	Extension activities	Supply of seeds, planting materials
1.	Intercropping	Maize with oilseeds & pulses.	Lack of suitable cropping system under upland rainfed areas.	Intercropping of maize with oilseed and pulses.	-	Intercropping of maize with oilseed and pulses.	-	Demonstration, media coverage.	Seed, fertilizer, pesticide.
2.	Farm Implements	Pulses & oilseeds	Low yield due improper spacing.	-	Popularization of manual row seeder.	Popularization of manual row seeder.	-	Demonstration, media coverage.	Manual row seeder, seed.
3.	IPM	Potato	Cut worms, wire worms & white grubs.	IPM for potato	-	IPM for potato	-	Demonstration, media coverage.	Pesticide.
4.	IPM	Tomato	Late blight, stem necrosis, fruit borer & viral diseases.	IPM for tomato.	-	IPM for tomato	-	Demonstration, media coverage.	Pesticide & sprayer (small)
5.	IPM	Chilli	Dieback & fruit borer	-	IPM for chilli	IPM for chilli	-	Demonstration, media coverage.	Insecticides & maize for trap crop.
6.	Eel culture	Eel	Slow growth	-	Eel culture	Eel culture	-	Demonstration, media coverage.	Seed
7.	Culture of Air breeding fish	Climbing perch, stinging cat fish, walking cat fish	Poor water quality not suitable for carp culture	Culture of air breeding fish	-	Culture of air breeding fish	-	Demonstration, media coverage.	Seed.
8.	Pearl culture	mussel	Introduction of pearl culture	Pearl culture	-	Pearl culture	-	Demonstration, media coverage.	Mussel nucleus.
9.	Popularization of SRI in pre kharif	Rice	Crop failure due to sprouting, flood during harvesting	-	Pre kharif SRI in fish farm of Manipur with hybrid rice PAC 807	Pre kharif SRI in fish farm of Manipur with hybrid rice PAC 807	-	Demonstration, media coverage, field visit.	Seed
10.	Cultivation of French bean	French bean	Low yield of other varieties	Cultivation of French bean var. SNEHA (Spring planting)	-	Cultivation of French bean var. SNEHA	-	Demonstration, media coverage, field visit.	Seed
11.	Poultry farming	Poultry bird (Giriraja)	Cost of readymade feed is high.	Prodn. Performance of Giriraja using locally available feeds (maize, rice polish, rice bran, fishmeal, oilcakes).	-	Prodn. Performance of Giriraja using locally available feeds.	-	Demonstration, media coverage, field visit.	Poultry bird
12.	Poultry farming	Khaki campbell	Cost of readymade feed is high.	Prodn. Performance of Khaki Campbell using locally available feeds.	-	Prodn. Performance of Khaki Campbell using locally available feeds.	-	Demonstration, media coverage, field visit.	Khaki Campbell
13.	Goat Farming	Goat	Poor prodn. Of Goat	Performance of upgraded goat	-	Rearing of upgraded goat	-	Demonstration media coverage	Upgraded goat
14.	Fodder production	Oat	Scarcity of fodder during winter season	-	Popularization of oat cultivation	Popularization of oat cultivation.	-	Demonstration, media coverage, field visit.	Oat seed
15.	Cultivation of local pea.	Pea	Dense/ narrow spacing, late planting & low yield	-	Improved method of local pea cultivation (Makhyat mubi)	Improved method of local pea cultivation (Makhyat mubi)	-	Demonstration, media coverage, field visit.	Seed.
16.	Cultivation of Potato.	Potato	Late blight problem	Cultivation of potato var. Kufri Chipsona-3	-	-	-	Demonstration, media coverage, field visit.	Seed.
17.	Introduction of Broccoli (F1 hybrid) Princess	Broccoli	Marketing problem due to flooding with cabbage & cauliflower	-	Cultivation of Broccoli var. Princess	Management practices in broccoli cultivation	-	Demonstration, media coverage, field visit.	Seed.
18.	Cultivation of French bean	French bean	Low yield of other varieties	Cultivation of French bean var. SNEHA (Rabi planting)	-	Cultivation of French bean var. SNEHA	-	Demonstration, media coverage, field visit.	Seed
19.	Cultivation of tomato	Tomato	Nursery raising, longer duration	Cultivation of Tomato by direct seeding	-	Cultivation of tomato by direct seeding	-	Demonstration, media coverage, field visit.	Seed

Notes (to be strictly followed in formulation of OFTs):

Technology Assessment refers to any technology (preferably new) going for assessment through OFT for the first time in a micro location.

Technology Refinement refers to an already assessed technology getting refined through OFT to suit micro location needs for later demonstration.

If any OFT is proposed for refinement, kindly mention whether the technology was assessed earlier or not. If not, provide reasons.

Technologies older than 5 years have to be preferably avoided for OFTs.

Examples:

Technology selected for assessment (and/or) refinement (Ex: Rice Var: XXXXXX)

Source of technology with year of release (Ex: ICAR RC NEH, Barapani, 2007)

Production system and thematic area (Ex: Crop production & Weed management)

Performance indicators of the technology (Ex: Yield, Shelf life etc)

Details of On Farm Trials be undertaken during 2009-10 (Target)

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	Assessment/ Refinement (WRITE A / R)	No. of trials*
1	2	3	4	5	6
1) Poultry bird (Giriraja)	All situation	Cost of readymade feed is high.	Prodn. Performance of Giriraja using locally available feeds.	A	10
2) Poultry bird (Duck)	All situation	Cost of readymade feed is high.	Prodn. Performance of Khaki Campbell using locally available feeds.	A	10
3) Maize with oilseed & Pulses	Rainfed	Lack of suitable cropping system under upland rainfed areas.	Intercropping of maize with oilseed & pulses.	A	20
4) Potato	Irrigated	Cut worms, wireworms & white grubs.	IPM for potato	A	10
5) Tomato	Irrigated	Late blight, stem necrosis fruit borer & viral disease	IPM for tomato	A	10
6) Climbing perch, Stinging cat fish, Walking cat fish.	Rainfed	Poor water quality not suitable for carpulture	Culture of air breeding fish	A	10
7) Pearl culture	Rainfed	Introduction of pearl culture	Pearl culture	A	10
8) French bean	Rainfed	Low yield of other varieties.	Cultivation of French bean var.SNEHA.	A	10
9) Potato	Irrigated	Late blight	By Cultivation of potato variety kufri chipsona 3 resistant to late blight	A	10
10) Goat	All situation	Poor production of goat	Performance of updated goat	A	10
11) Tomato	Irrigated	Nursery raising ,longer duration	Cultivation of tomato by direct seeding var. Pusa hybrid-2.	A	10

Technology assessed/refined 6	Year of release of technology	Whether the technology is latest one available? (Y/N)*	If NO, then reason for using the old technology for OFT (in detail)	Parameters of assessment 7
Assessed	2008	Y	-	i Body weight ii. Feed conversion efficiency iii. Egg weight iv. % Survivability v. % Hatchability vi. % Fertility vii. Dressing % viii) External quality of egg
Assessed	2008	Y	-	i Body weight ii. Feed conversion efficiency iii. Egg weight iv. % Survivability v. % Hatchability vi. % Fertility vii. Dressing % viii) External quality of egg
Assessed	1995	N	Not taken up in Thoubal Dist. (Even in Manipur)	i Plant height ii. Cob size and weight iii.No. of pods/ plant iv.No.of branche/ plant v.No. of grains/ pod
Assessed	1992	N	New in Manipur	i) Pest infestation level and control measures.
Assessed	1993	N	New in Manipur	i) Disease infection level ii) Pest infestation.
Assessed	2006	Y	-	Yield of fish
Assessed	2007	Y	-	Growth of pearl
Assessed	2007	Y	-	i) Pod yield ii) Nature of fibre iii) Duration plant height.
Assessed	2005	Y	-	i) Yield ii) Disease infestation.
Assessed	2008	Y	-	i) Growth performance ii) Reproductive performance iii) Body conformation iv) Disease incidence v) Dressing %.
Assessed	2001	Y	-	i. Days to maturity ii. No of fruit/plant iii. Plant height iv. Quantity of fruit v. Size of fruit Vi Yield

* = The technology should be less than 5 years old.

Frontline Demonstrations**Follow-up for results of FLDs implemented during previous years**

List of technologies demonstrated during previous year and popularized during 2008-09 and recommended for large scale adoption in the district

No	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
1	Composite fish culture	Composite fish culture	Training demonstration	1	2	2
2	Crop production	Oilseed production	Training, demonstration. DDK programme	7	8	4
3.	Crop production	Pulse production	Training, demonstration, media coverage	13	14	7
4.	Integrated fish culture	Paddy cum fish culture	Training, demonstration	7	7	3.5
5.	Broccoli	Introduction of broccoli	Training, demonstration	10	10	10
6.	Crop production	SRI	Training, demonstration ,media coverage	6	6	1.5
7.	Fodder production	Maize cultivation for fodder	Training, demonstration, media coverage	10	10	1.25

* Thematic areas as given in Table on Training

Details of FLDs to be implemented during 2009-10 (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Notes (to be strictly followed in formulation of FLDs):

FLDs are conducted only on proven technologies.

FLDs are conducted on previously assessed/refined technologies which are found suitable for the KVK district.

Only latest technologies have to be selected for FLDs (Preferably less than 5 years old).

Examples: Same as in case of OFTs

A. Cereal Crops

No.	Crop	Thematic area	Technology Demonstrated	Season and year	Whether the technology assessed/refined by KVK earlier (Y/N)?	If not, how the technology was proven as suitable for FLD in the district?	Area (ha)		No. of farmers/demonstration		
							Proposed	SC/ST	Others	Total	
1	Rice	Crop production	SRI Methology	Pre-kharif 2010	Yes	-	5	4	6	10	
2	Rice	Crop production	SRI in pre-kharif	Pre-kharif 2010	Yes	-	5	-	10	10	

B. Oilseed crops

No.	Crop	Thematic area	Technology Demonstrated	Season and year	Whether the technology assessed/refined by KVK earlier (Y/N)?	If not, how the technology was proven as suitable for FLD in the district?	Area (ha)		No. of farmers/demonstration		
							Proposed	SC/ST	Others	Total	
1	Mustard	Crop prodn.	Crop prodn. system	Rabi '09	N	ICAR Recommended	5	3	7	10	
2.	Soyabean	-do-	-do-	Kharif '10	N	ICAR Recommended	2.5		5	5	
3.	Groundnut	-do-	-do-	-do-	N	ICAR Recommended	2.5		5	5	

C. Pulse Crops

No.	Crop	Thematic area	Technology Demonstrated	Season and year	Whether the technology assessed/refined by KVK earlier (Y/N)?	If not, how the technology was proven as suitable for FLD in the district?	Area (ha)		No. of farmers/demonstration		
							Proposed	SC/ST	Others	Total	
1.	Pea	Crop prodn.	Crop prodn. system	Rabi '09	N	ICAR Recommended	5	-	10	10	
2.	Black gram	-do-	-do-	Kharif '10	N	ICAR Recommended	5	4	6	10	
3.	Garden pea	Conservation of local pea	Varietal demonstration	Rabi '09	Y	N	5	-	10	10	

D. Horticultural Crops

No.	Crop	Thematic area	Technology Demonstrated	Season and year	Whether the technology assessed/refined by KVK earlier (Y/N)?	If not, how the technology was proven as suitable for FLD in the district?	Area (ha)		No. of farmers/demonstration		
							Proposed	SC/ST	Others	Total	
1.	Broccoli	Exotic vegetable production	(F1 hybrid) Princess	Rabi 2009.	Y	NA	2	2	8	10	
2.	Chilli	IPM	Mustard as trap crop of cabbage	Kharif 2010	Y	NA	2.5	2	8	10	

Extension and Training activities proposed under FLD

No.	Activity	No. of activities	Tentative Date	Number of participants	Remarks
1.	Training	10	During the crop season	200	
2.	Field visit	180	-	800	
3.	Media	15	-	-	

(i) Farm Implements:

No.	Crop	Thematic area	Name of the implement	Season and year	Whether the technology assessed/refined by KVK earlier (Y/N)?	If not, how the technology was proven as suitable for the district?	Area (ha)		No. of farmers/demonstration		
							Proposed	SC/ST	Others	Total	
1.	Pulses & Oilseeds	Crop prodn.	Manual row seeder	Rabi '09	Y	ICAR Recommended	5		10	10	

(ii) Livestock Enterprises:

Enterprises	Breed	No. of farmers	No. of animals, poultry birds etc.	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		
Poultry bird	Giriraja	10	100	Body wt gain, Egg prodn., Survivability, Fertility, Hatchability.	-	-	-	-

* Milk production, meat production, egg production, reduction in disease incidence etc.

(iii) Other Enterprises:

Enterprise	Variety/ breed/Species/others	No. of farmers	No. of Units	Performance parameters / indicators	Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		
Mushroom								
Apiary								
Sericulture								
Vermi-compost								
Fishery	Eel(Monopterus albus)	10	10	Growth, Survival	-	-	-	-

PART – III
(TRAINING PROGRAMMES)

3. Details of proposed training programmes (Including the sponsored and FLD training programmes

Note: The proportion of SC and ST participants for all training programmes should match with their proportion in the population of the KVK district.

On Campus

Thematic area	Courses (No)	No. of participants									Grand Total
		Others			SC			ST			
		Male	Female	Total	Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women											
I Crop Production											
Weed Management											
Nutrient Management	1	5	2	7	5	2	7	4	2	6	20
Resource Conservation Technologies											
Cropping Systems											
Crop Diversification	1	15	5	20	-	-	-	-	-	-	20
Integrated Farming systems											
Water management											
Seed production											
Nursery management											
Integrated Crop Management											
Fodder production											
Production of organic inputs											
II Horticulture											
a) Vegetable Crops											
Production of low volume and high value crops											
Off-season vegetables	1	15	5	20	-	-	-	-	-	-	20
Nursery raising											
Exotic vegetables production											
Production of export potential vegetables											
Grading and standardization											
Protective cultivation (Green Houses, Shade Net etc.)											
b) Fruits											
Training											
Pruning											
Layout and Management of Orchards											
Cultivation of Fruit crops											
Management of young plants/orchards											
Rejuvenation of old orchards											
Cultivation of export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques											
c) Ornamental Plants											
Nursery Management											
Management of potted plants											
Production of export potential ornamental plants											
Propagation techniques of Ornamental Plants											
d) Plantation crops											
Production and Management technology											
Processing and value addition											
e) Tuber crops											
Production and Management technology											
Processing and value addition											
f) Spices	1	7	2	9	8	3	11	-	-	-	20
Production and Management technology											
Processing and value addition											
g) Medicinal and Aromatic Plants											
Nursery management											
Production and management technology											
Post harvest technology and value addition											
III Soil Health and Fertility Management											
Soil fertility management											
Soil and Water Conservation											
Integrated Nutrient Management											
Production and use of organic inputs											
Management of Problematic soils											
Micro nutrient deficiency in crops											
Nutrient Use Efficiency											
Soil and Water Testing											
IV Livestock Production and Management											
Dairy Management											
Poultry Management											
Piggery Management											
Rabbit Management											
Disease Management	1	12	8	20	-	-	-	-	-	-	20
Feed management	1	4	2	6	12	2	14	-	-	-	20
Production of quality animal products											
V Home Science/Women empowerment											
Household food security by nutrition gardening											
Design and development of low/minimum cost diet											
Designing and development for high nutrient efficiency diet											
Minimization of nutrient loss in processing											
Gender mainstreaming through SHGs											
Storage loss minimization techniques											
Value addition											
Income generation activities for empowerment of rural Women	1	-	20	20	-	-	-	-	-	-	20
Location specific drudgery reduction technologies											
Rural Crafts											
Women and child care											
VI Agricultural Engineering											
Installation and maintenance of micro irrigation systems											
Use of Plastics in farming practices											
Production of small tools and implements											
Repair and maintenance of farm machinery and implements											
Small scale processing and value addition											
Post Harvest Technologies											
VII Plant Protection											
Integrated Pest Management	1	7	2	9	4	2	6	3	2	5	20
Disease Management	1	6	2	8	5	4	9	3	-	3	20

Bio-control of pests and diseases	1	5	2	7	7	2	9	3	1	4	20
Production of bio control agents and bio pesticides	1	6	3	9	8	-	8	3	-	3	20
VIII Fisheries											
Integrated fish farming											
Carp breeding and hatchery management											
Carp fry and fingerling rearing											
Composite fish culture											
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes											
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture	1	15	5	20	-	-	-	-	-	-	20
Fish processing and value addition	1	5	15	20	-	-	-	-	-	-	20
IX Production of Inputs at site											
Seed Production											
Planting material production											
Bio-agents production											
Bio-pesticides production											
Bio-fertilizer production											
Vermicompost production											
Other Organic manures production											
Production of fry and fingerlings											
Production of Bee-colonies and wax sheets											
Small tools and implements											
Production of livestock feed and fodder											
Production of Fish feed											
X Capacity Building and Group Dynamics											
Leadership development in villages											
Managing Group dynamics											
Formation and Management of SHGs											
Mobilization of social capital in villages											
Entrepreneurial development of farmers/youths											
WTO and IPR issues											
XI Agro-forestry											
Production technologies											
Nursery management											
Integrated Farming Systems											
XII Others (Pl. Specify) PBG: Varietal Identification of rice.	1	5	3	8	10	2	12	-	-	-	20
TOTAL	14	107	76	183	59	17	76	16	5	21	280
(B) RURAL YOUTH											
Mushroom Production											
Bee-keeping											
Integrated farming											
Seed production	1	6	2	8	8	4	12	-	-	-	20
Production of organic inputs											
Integrated Farming											
Planting material production											
Vermiculture											
Sericulture											
Protected cultivation of vegetable crops	1	8	2	10	10	-	10	-	-	-	20
Commercial fruit production											
Repair and maintenance of farm machinery and implements											
Nursery Management of Horticulture crops											
Training and pruning of orchards											
Value addition											
Production of quality animal products											
Dairying											
Sheep and goat rearing											
Quail farming	1	5	2	7	3	2	5	6	2	8	20
Piggery											
Rabbit farming											
Poultry production											
Ornamental fisheries	1	10	2	12	5	3	8	-	-	-	20
Training as Para vets											
Training as Para extension workers											
Composite fish culture											
Freshwater prawn culture											
Fish harvest and processing technology											
Fry and fingerling rearing											
Small scale processing	1	-	10	10	-	10	10	-	-	-	20
Post Harvest Technology (Plant Protection)	1	10	-	10	5	-	5	5	-	-	20
Tailoring and Stitching											
Rural Crafts											
TOTAL	6	39	18	57	31	19	50	11	2	13	120

(C) Extension Personnel											
Productivity enhancement in field crops	1	15	5	20	-	-	-	-	-	-	20
Seed Production	1	16	4	20	-	-	-	-	-	-20	
Integrated Pest Management	1	15	5	20	-	-	-	-	-	-	20
Integrated Nutrient management											
Rejuvenation of old orchards											
Protected cultivation technology											
Formation and Management of SHGs	1	12	8	20	-	-	-	-	-	-	20
Group Dynamics and farmers organizations											
Information networking among farmers											
Capacity building for ICT application											
Care and maintenance of farm machinery and implements											
WTO and IPR issues											
Management in farm animals	1	20	-	20	-	-	-	-	-	-	20
Livestock feed and fodder production											
Household food security											
Women and Child care											
Low cost and nutrient efficient diet designing											
Production and use of organic inputs											
Gender mainstreaming through SHGs											
Any other (Pl. Specify)											
TOTAL	5	88	22	100	-	-	-	-	-	-	20

Off Campus

Thematic area	Courses (No)	No. of participants									Grand Total
		Others			SC			ST			
		Male	Female	Total	Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women											
I Crop Production											
Weed Management	1	15	5	20	-	-	-	-	-	-	20
Nutrient Management	2	12	8	20	15	5	20	-	-	-	40
Resource Conservation Technologies											
Cropping Systems (Intercropping)	1	-	-	-	15	5	20	-	-	-	20
Crop Diversification	1	-	-	-	15	5	20	-	-	-	20
Integrated Farming systems											
Water management	1	-	-	-	15	5	20	-	-	-	20
Seed production											
Nursery management											
Integrated Crop Management	1	13	7	20	-	-	-	-	-	-	20
Fodder production											
Production of organic inputs	1	-	-	-	15	5	20	-	-	-	20
II Horticulture											
a) Vegetable Crops											
Production of low volume and high value crops	1	10	10	20	-	-	-	-	-	-	20
Off-season vegetables											
Nursery raising	1	12	8	20	-	-	-	-	-	-	20
Exotic vegetables production	1	-	-	-	15	5	20	-	-	-	20
Production of export potential vegetables											
Grading and standardization	1	15	5	20	-	-	-	-	-	-	20
Protective cultivation (Green Houses, Shade Net etc.)											
b) Fruits											
Training											
Pruning											
Layout and Management of Orchards											
Cultivation of Fruit crops											
Management of young plants/orchards											
Rejuvenation of old orchards											
Cultivation of export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques											
c) Ornamental Plants											
Nursery Management											
Management of potted plants											
Production of export potential ornamental plants											
Propagation techniques of Ornamental Plants											
d) Plantation crops											
Production and Management technology											
Processing and value addition											
e) Tuber crops											
Production and Management technology											
Processing and value addition											
f) Spices											
Production and Management technology											
Processing and value addition											
g) Medicinal and Aromatic Plants											
Nursery management											
Production and management technology											
Post harvest technology and value addition											
III Soil Health and Fertility Management											
Soil fertility management											
Soil and Water Conservation											
Integrated Nutrient Management											
Production and use of organic inputs											
Management of Problematic soils											
Micro nutrient deficiency in crops											
Nutrient Use Efficiency											
Soil and Water Testing											

IV Livestock Production and Management											
Dairy Management		30	10	40	-	-	-	-	-	-	40
Poultry Management	1	10	10	20	-	-	-	-	-	-	20
Piggery Management	1	-	-	-	17	3	20	-	-	-	20
Rabbit Management											
Disease Management											
Feed management											
Production of quality animal products											
V Home Science/Women empowerment											
Household food security by nutrition gardening											
Design and development of low/minimum cost diet	1	-	20	20	-	-	-	-	-	-	20
Designing and development for high nutrient efficiency diet	1	-	20	20	-	-	-	-	-	-	20
Minimization of nutrient loss in processing											
Gender mainstreaming through SHGs											
Storage loss minimization techniques											
Value addition											
Income generation activities for empowerment of rural Women											
Location specific drudgery reduction technologies											
Rural Crafts											
Women and child care	1	-	-	-	-	20	20	-	-	-	20
VI Agricultural Engineering											
Installation and maintenance of micro irrigation systems											
Use of Plastics in farming practices											
Production of small tools and implements											
Repair and maintenance of farm machinery and implements											
Small scale processing and value addition											
Post Harvest Technologies											
VII Plant Protection											
Integrated Pest Management	6	40	20	60	30	10	40	15	5	20	120
Disease Management	1	17	3	20	-	-	-	-	-	-	20
Bio-control of pests and diseases	1	15	5	20	-	-	-	-	-	-	20
Production of bio control agents and bio pesticides											
VIII Fisheries											
Integrated fish farming	2	15	5	20	15	5	20	-	-	-	40
Carp breeding and hatchery management	1	15	5	20	-	-	-	-	-	-	20
Carp fry and fingerling rearing	1	15	5	20	-	-	-	-	-	-	20
Composite fish culture	1	15	5	20	-	-	-	-	-	-	20
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes	1	10	10	20	-	-	-	-	-	-	20
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture	1	15	5	20	-	-	-	-	-	-	20
Fish processing and value addition											
IX Production of Inputs at site											
Seed Production	4	20	20	40	10	10	20	10	10	20	80
Planting material production	6	40	20	60	20	20	40	15	5	20	120
Bio-agents production											
Bio-pesticides production											
Bio-fertilizer production											
Vermicompost production	1	15	5	20	-	-	-	-	-	-	20
Other Organic manures production											
Production of fry and fingerlings											
Production of Bee-colonies and wax sheets											
Small tools and implements											
Production of livestock feed and fodder											
Production of Fish feed											
X Capacity Building and Group Dynamics											
Leadership development in villages											
Managing Group dynamics											
Formation and Management of SHGs											
Mobilization of social capital in villages											
Entrepreneurial development of farmers/youths											
WTO and IPR issues											
XI Agro-forestry											
Production technologies											
Nursery management											
Integrated Farming Systems											
XII Others (Pl. Specify)											
TOTAL	59	349	211	560	182	98	280	40	20	60	900
(B) RURAL YOUTH											
Mushroom Production											
Bee-keeping											
Integrated farming											
Seed production											
Production of organic inputs											
Integrated Farming	1	-	-	-	15	5	20	-	-	-	20
Planting material production											
Vermiculture											
Sericulture											
Protected cultivation of vegetable crops											
Commercial fruit production	1	12	8	20	-	-	-	-	-	-	20
Repair and maintenance of farm machinery and implements											
Nursery Management of Horticulture crops	1	17	3	20	-	-	-	-	-	-	20
Training and pruning of orchards	1	-	-	-	12	8	20	-	-	-	20
Value addition	4	-	40	40	-	40	40	-	-	-	80
Production of quality animal products											
Dairying											
Sheep and goat rearing	2	20	20	40	-	-	-	-	-	-	40
Quail farming											
Piggery	3	15	5	20	35	5	40	-	-	-	60
Rabbit farming											
Poultry production	2	12	8	20	15	5	20	-	-	-	40
Ornamental fisheries											
Training as Para vets											
Training as Para extension workers											
Composite fish culture	1	15	5	20	-	-	-	-	-	-	20

Freshwater prawn culture	1	17	3	20	-	-	-	-	-	-	20
Fish harvest and processing technology	1	10	10	20	-	-	-	-	-	-	20
Fry and fingerling rearing											
Small scale processing	1	5	15	20	-	-	-	-	-	-	20
Post Harvest Technology	3	-	40	40	-	20	20	-	-	-	60
Tailoring and Stitching											
Rural Crafts											
TOTAL											
(C) Extension Personnel											
Productivity enhancement in field crops											
Integrated Pest Management											
Integrated Nutrient management											
Rejuvenation of old orchards											
Protected cultivation technology											
Formation and Management of SHGs											
Group Dynamics and farmers organizations											
Information networking among farmers											
Capacity building for ICT application											
Care and maintenance of farm machinery and implements											
WTO and IPR issues											
Management in farm animals											
Livestock feed and fodder production											
Household food security											
Women and Child care											
Low cost and nutrient efficient diet designing											
Production and use of organic inputs											
Gender mainstreaming through SHGs											
Any other (Pl. Specify)											
TOTAL	22	113	157	280	77	83	160	-	-	-	440

Consolidated table (On + Off + Sponsored + Vocational)

Thematic area	Courses (No)	No. of participants									Grand Total
		Others			SC			ST			
		Male	Female	Total	Male	Female	Total	Male	Female	Total	
(A) Farmers & Farm Women											
I Crop Production											
Weed Management	1	15	5	20	-	-	-	-	-	-	20
Nutrient Management	3	17	10	27	20	7	27	4	2	6	60
Resource Conservation Technologies											
Cropping Systems (Intercropping)	1	-	-	-	15	5	20	-	-	-	20
Crop Diversification	2	15	5	20	15	5	20	-	-	-	40
Integrated Farming systems											
Water management	1	-	-	-	15	5	20	-	-	-	20
Seed production											
Nursery management											
Integrated Crop Management	1	13	7	20	-	-	-	-	-	-	20
Fodder production											
Production of organic inputs	1	-	-	-	15	5	20	-	-	-	20
II Horticulture											
a) Vegetable Crops											
Production of low volume and high value crops	1	10	10	20	-	-	-	-	-	-	20
Off-season vegetables	1	15	5	20	-	-	-	-	-	-	20
Nursery raising	1	12	8	20	-	-	-	-	-	-	20
Exotic vegetables production	1	-	-	-	15	5	20	-	-	-	20
Production of export potential vegetables											
Grading and standardization	1	15	5	20	-	-	-	-	-	-	20
Protective cultivation (Green Houses, Shade Net etc.)											
b) Fruits											
Training											
Pruning											
Layout and Management of Orchards											
Cultivation of Fruit crops											
Management of young plants/orchards											
Rejuvenation of old orchards											
Cultivation of export potential fruits											
Micro irrigation systems of orchards											
Plant propagation techniques											
c) Ornamental Plants											
Nursery Management											
Management of potted plants											
Production of export potential ornamental plants											
Propagation techniques of Ornamental Plants											
d) Plantation crops											
Production and Management technology											
Processing and value addition											
e) Tuber crops											
Production and Management technology											
Processing and value addition											
f) Spices	1	7	2	9	8	3	11	-	-	-	20
Production and Management technology											
Processing and value addition											
g) Medicinal and Aromatic Plants											
Nursery management											
Production and management technology											
Post harvest technology and value addition											
III Soil Health and Fertility Management											
Soil fertility management											
Soil and Water Conservation											
Integrated Nutrient Management											
Production and use of organic inputs											
Management of Problematic soils											
Micro nutrient deficiency in crops											
Nutrient Use Efficiency											
Soil and Water Testing											
IV Livestock Production and Management											
Dairy Management	2	30	10	40	-	-	-	-	-	-	40

Poultry Management	1	10	10	20	-	-	-	-	-	-	20
Piggery Management	1	-	-	-	17	3	20	-	-	-	20
Rabbit Management											
Disease Management	1	12	8	20	-	-	-	-	-	-	20
Feed management	1	4	2	6	12	2	14	-	-	-	20
Production of quality animal products											
V Home Science/Women empowerment											
Household food security by nutrition gardening	1	-	20	20	-	-	-	-	-	-	20
Design and development of low/minimum cost diet	1	-	20	20	-	-	-	-	-	-	20
Designing and development for high nutrient efficiency diet											
Minimization of nutrient loss in processing											
Gender mainstreaming through SHGs											
Storage loss minimization techniques											
Value addition											
Income generation activities for empowerment of rural Women	1	-	20	20	-	-	-	-	-	-	20
Location specific drudgery reduction technologies											
Rural Crafts											
Women and child care	1	-	-	-	-	20	20	-	-	-	20

VI Agricultural Engineering											
Installation and maintenance of micro irrigation systems											
Use of Plastics in farming practices											
Production of small tools and implements											
Repair and maintenance of farm machinery and implements											
Small scale processing and value addition											
Post Harvest Technologies											
VII Plant Protection											
Integrated Pest Management	7	47	22	69	34	12	46	18	7	25	140
Disease Management	2	23	5	28	5	4	9	3	-	3	40
Bio-control of pests and diseases	2	20	7	27	7	2	9	3	1	4	40
Production of bio control agents and bio pesticides	1	6	3	9	8	-	8	3	-	3	20
VIII Fisheries											
Integrated fish farming	2	15	5	20	15	5	20	-	-	-	40
Carp breeding and hatchery management	1	15	5	20	-	-	-	-	-	-	20
Carp fry and fingerling rearing	1	15	5	20	-	-	-	-	-	-	20
Composite fish culture	1	15	5	20	-	-	-	-	-	-	20
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes	1	10	10	20	-	-	-	-	-	-	20
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture	2	30	10	40	-	-	-	-	-	-	40
Fish processing and value addition	1	15	5	20	-	-	-	-	-	-	20
IX Production of Inputs at site											
Seed Production											
Planting material production	4	20	20	40	10	10	20	10	10	20	80
Bio-agents production	6	40	20	60	20	20	40	15	5	20	120
Bio-pesticides production											
Bio-fertilizer production											
Vermicompost production	1	15	5	20	-	-	-	-	-	-	20
Other Organic manures production											
Production of fry and fingerlings											
Production of Bee-colonies and wax sheets											
Small tools and implements											
Production of livestock feed and fodder											
Production of Fish feed											
X Capacity Building and Group Dynamics											
Leadership development in villages											
Managing Group dynamics											
Formation and Management of SHGs											
Mobilization of social capital in villages											
Entrepreneurial development of farmers/youths											
WTO and IPR issues											
XI Agro-forestry											
Production technologies											
Nursery management											
Integrated Farming Systems											
XII Others (Pl. Specify) PBG Varietal: Identification of rice.	1	5	3	8	10	2	12	-	-	-	20
TOTAL	59	456	287	743	241	115	356	56	25	81	1180
(B) RURAL YOUTH											
Mushroom Production											
Bee-keeping											
Integrated farming											
Seed production	1	6	2	8	8	4	12	-	-	-	20
Production of organic inputs											
Integrated Farming	1	-	-	-	15	5	20	-	-	-	20
Planting material production											
Vermiculture											
Sericulture											
Protected cultivation of vegetable crops	1	8	2	10	10	-	10	-	-	-	20
Commercial fruit production	1	12	8	20	-	-	-	-	-	-	20
Repair and maintenance of farm machinery and implements											
Nursery Management of Horticulture crops	1	17	3	20	-	-	-	-	-	-	20
Training and pruning of orchards	1	-	-	-	12	8	20	-	-	-	20
Value addition	4	-	40	40	-	40	40	-	-	-	80
Production of quality animal products											
Dairying											
Sheep and goat rearing	2	20	20	40	-	-	-	-	-	-	40
Quail farming	1	5	2	7	3	2	5	6	2	8	20
Piggery	3	15	5	20	35	5	40	-	-	-	60
Rabbit farming											
Poultry production	2	12	8	20	15	5	20	-	-	-	40
Ornamental fisheries	1	10	2	12	5	3	8	-	-	-	20
Training as Para vets											
Training as Para extension workers											
Composite fish culture	1	15	5	20	-	-	-	-	-	-	20
Freshwater prawn culture	1	17	3	20	-	-	-	-	-	-	20
Fish harvest and processing technology	1	10	10	20	-	-	-	-	-	-	20
Fry and fingerling rearing											
Small scale processing	2	5	25	30	-	10	10	-	-	-	40
Post Harvest Technology	4	10	40	50	5	20	25	5	-	5	80
Tailoring and Stitching											
Rural Crafts											
TOTAL	28	162	175	337	108	102	210	11	2	13	560

(C) Extension Personnel											
Productivity enhancement in field crops	1	15	5	20	-	-	-	-	-	-	20
Integrated Pest Management	1	15	5	20	-	-	-	-	-	-	20
Integrated Nutrient management											
Rejuvenation of old orchards											
Protected cultivation technology											
Formation and Management of SHGs	1	12	8	20	-	-	-	-	-	-	20
Group Dynamics and farmers organizations											
Information networking among farmers											
Capacity building for ICT application											
Care and maintenance of farm machinery and implements											
WTO and IPR issues											
Management in farm animals	1	20	-	20	-	-	-	-	-	-	20
Livestock feed and fodder production											
Household food security											
Women and Child care											
Low cost and nutrient efficient diet designing											
Production and use of organic inputs											
Gender mainstreaming through SHGs											
Any other (Pl. Specify) Seed production	1	16	4	20	-	-	-	-	-	-	20
TOTAL	5	78	22	100	-	-	-	-	-	-	100

Vocational training programmes for Rural Youth :

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants		
				Male	Female	Total
Manures	Production of organic inputs	Production of organic inputs	1	20	-	20
Poultry	Poultry production	Formulation of feed from locally available feeds.	1	15	5	20
Nursery	Planting material production	Techniques of planting material production	1	15	5	20
Pearl	Pearl culture	Pearl culture as Mussel	1	15	5	20

*training title should specify the major technology /skill transferred

Sponsored Training Programmes

No	Title	Thematic area	Month	Duration (days)	Client	No. of courses	No. of Participants										Sponsoring Agency
					PF/R/EF		Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1.	Composite fish culture	Composite fish culture	March 2010	5	PF	1	15	-	-	10	-	-	-	-	-	25	NFDB, Hyderabad.
2.	Integrated fish farming	Integrated fish farming	June 2010	5	PF	1	-	15	-	-	10	-	-	-	-	25	NFDB, Hyderabad.
Total				10		2	15	15	-	10	10	-	-	-	-	50	

PART – IV
(EXTENSION ACTIVITIES AND PRODUCTION OF SEED AND PLANTING MATERIALS)

4. Proposed Extension Activities for the year 2008-09 (including activities under FLD programmes)

Nature of Extension Activity	No. of activities	Farmers			Extension Officials			Rural Youth			Total		
		M	F	T	M	F	T	M	F	T	M	F	T
Field Day	2	40	20	60	10	-	10	20	10	30	70	30	100
Kisan Mela	1	150	50	200	50	-	50	225	75	300	425	125	550
Kisan Gosthi													
Exhibition													
Film Show													
Method Demonstrations													
Farmers Seminar													
Workshop													
Group meetings													
Lectures delivered as resource persons	70												
Newspaper coverage	80												
Radio talks	30												
TV talks	30												
Popular articles	60												
Extension Literature	30												
Advisory Services													
Scientific visit to farmers field	80												
Farmers visit to KVK	1900												
Diagnostic visits	40												
Exposure visits	10	135	15	150	-	-	-	75	25	100	-	-	250
Ex-trainees Sammelan													
Soil health Camp													
Animal Health Camp	2												
Agri mobile clinic	20												
Soil test campaigns													
Farm Science Club Conveners meet													
Self Help Group Conveners meetings													
Mahila Mandals Conveners meetings													

Celebration of important days (specify)		3 i) July 10-Fish farmers day ii) 5 th June – World Environment day iii) 15 th Aug. – Independence day												
Any Other (Specify)														
Total		2358	325	85	410	60	-	60	320	110	430	495	155	900
M=Male	F=Female	T=Total												

Proposed production and supply of Technological products

Seed materials:

Sl. No.	Crop	Variety	Proposed Quantity (qtl.)	Value (Rs.)	To be provided to (No. of Farmers)
Cereals	Rice	HYV	200	3,00,000	
Oilseeds	Soyabean	JS-335/ JS-80-21	4.0	16,000	20
	Mustard	TS-38/M-27	2.0	6000	50
	Ground nut	ICGS-76	4.0	16,000	20
Pulses	Black gram	T-9	2.5	10,000	40
	Pea	Rachna / Arkel	4.0	16,000	12
	Garden pea	Local pea (Makhyat mubi)	5	25,000	40
	Broad bean	Local	2	20,000	40
Vegetables					
Flower Crops					
Others (Specify)					

Planting materials :

Sl. No.	Crop	Variety	Quantity (Nos.)	Value (Rs.)	To be provided to (No. of Farmers)
Fruits					
Spices	turmeric	Lakadong	250 q	50,000	70
Vegetables	Tomato	Pusa Ruby	40,000 (Seedlings)	10,000	10
	Cabbage	Green hero	40,000 Seedlings)	20,000	10
	Cauliflower	Himlata	40,000 Seedlings)	20,000	10
	Onion	Pusa red	2,00,000 Seedlings)	20,000	10
Forest Species					
Ornamental Crops					
Plantation Crops					
Others (specify)					

Bioproducts :

Sl. No.	Product Name	Species	Quantity		Value (Rs.)	To be provided to (No. of Farmers)
			No	(kg)		
Bioagents						
1						
Biofertilizers						
1						
Bio Pesticides						
1						

Livestock :

Sl. No.	Type	Breed	Quantity		Value (Rs.)	To be provided to (No. of Farmers)
			Nos	Kgs		
Cattle						
Sheep and Goat						
Poultry	Hen	Giriraja	500	24 kg (dayold)	12,500	50
Fisheries	Eel	Monopterus	5000	10	10,000	10
	Mussel nucleus	Lamiliden	10,000	20	10,000	10
Others (Specify)						

Literature proposed to be developed/ published

Item	Title	Number
Research papers	Fishery: 1) Potentials of Eel culture. Agronomy: 2) Varietal performance of Paddy under SRI Methodology. Veterinary: 3) Growth performance of Giriraja. Plant protection: 4) Assessment of Rice varieties for BPL resistance.	4
Technical reports		
News letters	Half yearly News letter of KVK, Thoubal.	2
Technical bulletins		
Popular articles	Remedial measures of farm problems.	70
Extension literature	1) Balance application of NPK in rice. 2) Intercropping of rice with pulses & oilseeds. 3) Swine fever. 4) Hybrid rice cultivation. 5) Prawn culture. 6) Farming system of Turel mamei, Wabgai. 7) IPM on rice. 8) Vaccination schedule of Poultry & Livestock. 9) Cultivation of Turmeric, (Lakaden). 10) Encouragement of farm saved seed production in rice & pulse crop.	10
Others (Pl. specify)		
Total		86

Details of Electronic Media proposed NO

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Proposed title of the programme	Number

Field activities proposed

- i. Number of villages to be adopted : 15
 ii. No. of farm families to be selected : 200
 iii. No. of surveys/PRA to be conducted : 20

Proposed activities of Soil and Water Testing Laboratory: Nil

Status of establishment of Lab :

1. Year of establishment :
 2. Details of samples to be analyzed : Nil

Details	No. of Samples	No. of Farmers	No. of Villages
Soil Samples			
Water Samples			
Total			

PART - V
(LINKAGES WITH OUTSIDE ORGANISATIONS)

5. Proposed Linkages**Functional linkage with different organizations**

Name of organization	Nature of linkage
1. Directorate of Agriculture Govt. of Manipur (Host Institute)	Guidance
2. Directorate of Horticulture Govt. of Manipur	Technology
3. Directorate of Vety. & Animal Husbandry	Technology
4. Directorate of Sericulture, Govt. of Manipur	Technology transfer
5. College of Agriculture, Imphal	Sharing knowledge and expertise in transfer of technology
6. ICAR Research complex for NEH Region, Umiam, Meghalaya.	Knowledge, Guidance, Technologies, Improved machineries etc.
7. National Fishery Development Board	Undertaking training programmes at the district from the fund provided by NFD
8. Central Institute of Fresh water aquaculture (CIFA), Bhubaneshwar.	Sharing knowledge and expertise in transfer of technology
9. Central Institute of Fishery Technology (CIFT), Cochin	Sharing knowledge and expertise in transfer of technology
10. IGNOU	Study centre
11. NYK	Conducting training programme
12. Mini Mission-1 (Hort.)	Contribution for infrastructural development
13. Other KVKs	Discussion and sharing of experiences.

Note: The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, and participation in meeting, contribution for infrastructural development, conducting training programmes and demonstration or any other

List special programmes to be undertaken by the KVK, financed by State Govt./Other Agencies (if any)

Name of the scheme	Date/ Month of initiation	Funding agency	Amount (Rs.)
Organic farming	1 st January 2010	IGNOU	-
Certificate course in poultry farming	1 st January 2010	IGNOU	-

Details of proposed linkage with ATMA

a) Is ATMA implemented in your district (Yes/No): Yes

S. No.	Programme	Nature of linkage proposed
1	Training	Training to the farmers.

Give details of programmes implemented under National Horticultural Mission (if any) : NA

S. No.	Programme	Nature of linkage proposed
1	Mini Mission-1	Construction of Infrastructure

Nature of linkage with National Fisheries Development Board (if any)

S. No.	Programme	Nature of linkage proposed
1	Training & Demonstration	Training to fish farmers

PART – VI
(PERFORMANCE OF INFRASTRUCTURE)

6. Performance of infrastructure in KVK

Proposed utilization of demonstration units (other than instructional farm) : NIL

No.	Demo Unit	Year of estt.	Area	Proposed production			Amount (Rs.)	
				Variety	Produce	Qty.	Cost of inputs	Gross income expected

Proposed utilization of instructional farm (Crops) including seed production:

Name Of the crop	Expected Date of sowing	Expected Date of harvest	Area (ha)	Proposed production			Amount (Rs.)	
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income expected
Cereals	May 2 nd week '10	Nov. 1 st week '10	3	HYV	Seed	120	91500	1,80,000
Pulses –Black gram	July last '10	Sept. last '10	0.25	T-9	Seed	2.5	4495	10,000
Local pea	Sept-Oct '10	Feb '10	0.25	Makhyat mubi	Pods/Seed	5.0	4800	25,000
Pea	Oct 2 nd week	Feb '10	0.25	Rachna /Arkel	Seed	4.0	4800	16,000
Oilseeds- Ground nut	June '10	Sept. '10	0.25	ICGS-76	Seed	4.0	4800	16,000
Soybean	June '10	Sept. '10	0.25	JS-80-21	Seed	4.0	4700	16,000
Mustard	Oct '09	Feb '10	0.25	M-27/ TS-38	Seed	2.0	2400	6,000
Fibers Broad bean	Oct'09	Feb '10	0.25	Local	Seed	2.0	4800	20,000
Spices								
Plantation crops								
Floriculture								
Fruits								
Vegetables								
Others (Specify)								

Proposed production Units (bio-agents / bio pesticides/ bio fertilizers etc.,) :

No.	Name of the Product	Qty	Amount (Rs.)	
			Cost of inputs	Gross income expected

Performance of instructional farm (livestock and fisheries production) :

No	Name of the animal / bird / aquatics	Details of expected production		
		Breed	Type of Produce	Qty expected
1	Bird	Giriraja	Meat	300 kg
2	Fish	Mola mass & prawn	Table purpose	200 kg

PART – VII
(SUMMARY)

7. Summary

Targets for 2009-10 for KVK.

On Farm Trials

Thematic areas	Cereals	Pulses	Vegetables	Fruits	Total
Cropping system	Maize	Oilseed & pulses			2
Integrated Pest Management			Potato		1
Integrated Pest Management			Tomato		1
Varietal Trial			French bean		1
Production and Management Technology			Potato		1
Grand total					6

FLDs on oilseed and pulse crops.

Name of KVK	Oilseeds		Pulses	
	Area (ha)	No. of farmers	Area (ha)	No. of farmers
	10	20	10	20
Total				

Training programmes

Area	Farmers/ farm women		Rural youth		Extension personnel	
	Courses	Participants	Courses	Participants	Courses	Participants
Crop Production	22	440	3	60	2	40
Horticulture	6	120	5	100	-	-
Plant Protection	12	240	-	-	1	20
Home Science	4	80	10	200	1	20
Animal Science	6	120	9	180	1	20
Soil Science	-	-	-	-	-	-
Agril Engineering	-	-	-	-	-	-
Bee Keeping	-	-	-	-	-	-
Mushroom Cultivation	-	-	-	-	-	-
Agro forestry	-	-	-	-	-	-

Others i) Fishery	11	230	5	100	-	-
ii) Agri.Extension	-	-	-	-	-	-
Total	61	1230	32	640	5	100

Extension Activities

Activity	Nos
Field days	2
Kisan Mela	1
Exhibition	
Exposure visit	10
Extension literature	30
Scientist farmers' interaction	4 (for every 3 months)
Ex-trainees meet	
Advisory services	
Newspaper coverage	80
TV show	30
Radio talk	30
Others (Kisan Gosthi)	
Total	187

Seed Production:

KVK	Quantity (qtl)			
	Cereals	Oilseeds	Pulses	Vegetables
KVK, Thoubal	200	4	2.5	
		2	4	
		4	5	
			2	
Total	200	10	13.5	

Planting Materials :

KVK	Quantity (nos)			
	Fruits	Vegetable Seedlings	Tree Species	Ornamental Plants
KVK, Thoubal		40,000		
		40,000		
		40,000		
		2,00,000		
Total		3,20,000		

Signature,
Programme coordinator,
KVK,

(Signature not needed in case of soft copy)

Notes:

The modalities for submission are available in the website www.icarzc3.gov.in and is also mailed to respective KVKs. The same may be strictly followed.