

ANNUAL ACTION PLAN: Oct 2010-March 2011

KVK,Thoubal, Manipur

Guidelines for filling up the Proforma:

1. This Proforma can also be downloaded from the website www.icarzc3.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,Thoubal-795138	03848-201559		kvkthoubal@gmailcom

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		0385-2452019	

Name of the Programme Coordinator with Landline & Mobile No*

Name of PC	Contacts		
	Residence	Mobile	E mail
Dr.O.Nobo Singh	Nil	08014509028	onobosingh@gmail.com

* = **Mandatory and to be provided without fail.****Year of sanction of KVK:****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 Coordinator	Soil & Water Conservation	13-06-07	Temporary
2	Subject Matter Specialist	N.Tomba Singh	SMS (Agronomy)	Agronomy	25-07-07	Temporary
3	Subject Matter Specialist	Dr.M.Thoihoi Singh	SMS(Plant Protection)	Plant Pathology	25-07-07	Temporary
4	Subject Matter Specialist	S.Sumangal Singh	SMS(Plant Breeding & Genetics)	PBG	25-07-07	Temporary
5	Subject Matter Specialist	Y.Bedajit Singh	SMS(Fisheries)	Fisheries	12-04-07	Temporary
6	Subject Matter Specialist	Dr.Zeshmarani S.	SMS(Animal Sc.)	Animal Science	12-04-07	Temporary
7	Subject Matter Specialist	Kh.Premlata	SMS (Horticulture)	Horticulture	12-04-07	Temporary
8	Programme Assistant	R.K. Lembisana	Prog.Asst (Home Sc)	Home Sc.	12-04-07	Temporary
9	Computer Programmer	L.Babita Devi	Prog. Asst (Computer)	Computer	12-04-07	Temporary
10	Farm Manager	W.Jiten Singh	Farm Manager	Agronomy	12-04-07	Temporary
11	Accountant / Superintendent	Ng Brojendro Singh	Office Suptd. Cum Acct.		01-03-07	Temporary
12	Stenographer	M.Geeta Devi	Jr. Steno cum Computer Operator		12-04-07	Temporary
13	Driver	M.Hemanta Singh	Driver cum Mechanic		12-04-07	Temporary
14	Driver	Th.Tiken Singh	Driver cum Mechanic		03-05-07	Temporary
15	Supporting staff	S.Dhabali Singh	Peon cum chowkidar		12-04-07	Temporary
16	Supporting staff	Mangminthang Zou	Peon cum chowkidar		12-04-07	Temporary

* = **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 Demonstrations 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	10 March, 2010	20	OFT, FLD, Training, Budget, Miscellaneous.

Details of district**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 Thoubal District may be characterized by diverse soil type ranging from clay, clay-loam, silty loam to peat & muck soil, high rainfall & high RH with distinct temperature variation between summer & winter, wide cultural diversity with different cropping pattern from fruits(pineapple, banana, mango), vegetables (cauliflower, cabbage, brinjal, tomato), paddy ,pulses & oilseeds, fish & farm animals. The district has the following topographical structures:- upland, medium land & lowland 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 (2010-11)

No	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified Thrust Areas
1			Wangjing	Piggery	Reduce body weight, Improper care at birth, Parasitic infestation.	Piggery management
				Poultry farming	Feed cost is high, Mortality rate is high, Vaccination is not done.	Poultry management
				Paddy	Varietal and mixture, injudicious use of fertilizers & pesticides as improper method of cultivation.	IPM, INM, Balance fertilization, Seed production SRI, Live transplanting.
				Potato	Less production of kufri chipsona-1, Resistance to late blight.	Introduction to New variety of potato.
				Cole crops	Wrong selection of varieties.	Introduction of alternative cole crops
				Bulb crops	Storage loss	Production & management technology.
2			Charangpat	Paddy	Varietal and mixture, injudicious use of fertilizers & pesticides as improper method of cultivation.	IPM, INM, Balance fertilization, Seed production SRI, Live transplanting
				Pig farming	Reduce body weight, Improper care at birth, Parasitic infestation	Piggery management
				Horticulture (Green chilli)		
3			Lilong	Paddy	Varietal and mixture, injudicious use of fertilizers & pesticides as improper method of cultivation	IPM, INM, Balance fertilization, Seed production SRI, Live transplanting
				Goat farming	Poor production, Parasitic infestation, Pre weaning mortality.	Goat management
				Poultry farming	Cost of feed is high, Vaccination not done, Mortality rate is high.	Poultry management
				Cole crops	Wrong selection of varieties	Introduction of alternative cole crops.
				Vegetable crops (Onion, garlic)	Lack of knowledge of cultivation techniques, storage loss.	Production & management technology.
4			Waithou	Paddy	Wrong selection of early paddy varieties. Lack of suitable production technology nutrient management , pest & disease management.	Hybrid rice, HYV, Balance fertilization, pest & disease management.
				Pig farming	Pre weaning mortality of piglet, improper feeding, parasitic infestation.	Piggery management.
			Thoubal khounou	Paddy	Wrong selection of early paddy variety, lack of suitable production. Technology nutrient management, Pest and disease management.	Hybrid rice, HYV, Balance fertilization, pest & disease management.
				Fish	Lack of knowledge on fish breeding and seed production.	Breeding and seed production.
			Khongjom	Pig farming	Preweaning mortality of piglet, Improper feeding, parasitic infestation.	Piggery management
				Paddy	Wrong selection of early paddy varieties. Lack of suitable production technology nutrient management , pest & disease management.	Hybrid rice, HYV, Balance fertilization, pest & disease management.
				Mustard	Planting time after harvest of paddy. Injudicious use of fertilizer.	Zero tillage, fertilizer management.
					Pre weaning mortality of piglet, improper	

				Pig	feeding, parasitic infestation.	Piggery management
			Heirolk	Paddy	Wrong selection of early paddy varieties. Lack of suitable production technology nutrient management , pest & disease management.	Hybrid rice, HYV, Balance fertilization, pest & disease management.
				Piggery	Pre weaning mortality of piglet, Infertility, improper feeding schedule.	Pig farming
		Kakching	Uchiwa wangma	Pig farming	Reduce body weight, preweaning mortality, parasitic infestation.	Piggery management
				Fish	Lack of knowledge on scientific fish farming & disease problems.	Scientific fish farming & fish health management.
				Paddy	Wrong selection of early paddy varieties. Lack of suitable production technology nutrient management , pest & disease management.	Hybrid rice, HYV, Balance fertilization, pest & disease management.
			Wabgai	Paddy	Wrong selection of early paddy varieties. Lack of suitable production technology nutrient management , pest & disease management.	Hybrid rice, HYV, Balance fertilization, pest & disease management.
				Fish	Disease problems.	Fish health management & Scientific fish farming.
				Pig farming	Reduce body weight, preweaning mortality, parasitic infestation.	Piggery management
				Dairy farming	Parasitic infestation, improper feeding management.	Dairy management
				Chilli	Die back, fruit rot	Integrated pest management
				Brinjal	Die back, fruit rot	Integrated pest management
				Cole crops	Diamond Back Moth	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 & 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 2010-11 (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	Integrated nutrient management	Mustard	Injudicious use of fertilizer	INM in mustard	-	INM in mustard	-	Demonstration , media coverage	Seed, fertilizer, PSB, Azotobacter
2	Farm implement	Pulses & oilseeds	Low yield due to haphazard spacing	-	Popularisation of manual row marker	Popularization of manual row marker	-	Demonstration , media coverage	Row marker, seed.
3	Poultry management	Broiler	Vaccination programme not done	Efficiency of Ranikhet disease and IBD vaccine on Broiler	-	Efficiency of Ranikhet disease and IBD vaccine on Broiler	-	Demonstration , media coverage	Vaccine
4	Poultry farming	Khaki Campbell	Cost of readymade feed is high.	Production performance of khaki Campbell using locally available feeds	-	Production performance of khaki Campbell using locally available feeds	-	Demonstration , media coverage	Khaki Campbell
5	Pig Farming	Pig	Cost of feed is high, Pre weaning mortality.	-	Production performance of crossbred pig	Production performance of crossbred pig	-	Demonstration , media coverage	Crossbred pig (50% local & 50% Hampshire).
6	Poultry farming	Giriraja	Cost of readymade feed is high, improper management.	-	Improvement of dual purpose bird (Giriraja farming)	Improvement of dual purpose bird (Giriraja farming)	-	Demonstration , media coverage	Giriraja
7	Cultivation of Potato	Potato	Late blight problem	-	Cultivation of potato var.kufri chipsona -1.	Cultivation of potato	-	Demonstration , media coverage	Seed
8	Integrated fish farming	Fish	Low yield & low cost benefit ratio in single enterprise.	Potential of duck cum fish	-	Potential of duck cum fish farming.	-	Demonstration , media coverage	Fish & Ducking (khaki Campbell)
9	Air breeding fish culture	Fish	Low production High market demand	Culture of Magur	-	Culture of Magur	-	Demonstration media coverage	Magur seed
10	Eel culture	Eel	Low production High market demand	-	Eel culture	Eel culture	-	Demonstration media coverage	Eel seed
11	Cultivation of cucumber	Cucumber	Off season varieties	Cultivation of cucumber var. Alamgir CT-380	-	Cultivation of cucumber	-	Demonstration , media coverage	Seed
12	IPM	Brinjal	Shoot borer, stem borer, fruit borer and Bacterial & fusarium wilt, leaf roller & little leaf.	IPM for brinjal	-	IPM for brinjal	-	Demonstration , media coverage	Pesticides & seed for trap crop
13	IPM	Bulb crop	Thrips & cut worm, purple blotch, onion smuds, black mould, stalk rot, soft rot, yellow dwarf.	IPM for bulb crop	-	IPM for bulb crop	-	Demonstration , media coverage	Pesticides & seed for trap crop
14	IPM	Potato	Cut worm, wire worms & white grubs.	-	IPM for Potato	IPM for Potato	-	Demonstration , media coverage	Pesticides
15	IPM	Tomato	Late blight, stem necrosis, fruit borer & viral disease.	-	IPM for Tomato	IPM for Tomato	-	Demonstration , media coverage	Pesticides & sprayer (smell)
16	Spring vegetable	French bean	Low yield of other varieties	Cultivation of French bean var. SNEHA (spring planting)	-	Cultivation of French bean var. SNEHA (spring planting)	-	Demonstration , media coverage	Seed, PP chemicals
17	Cultivation of tomato	Tomato	Nursery raising, longer duration	Cultivation of tomato by direct seeding	-	Cultivation of tomato by direct seeding	-	Demonstration , media coverage	Seed
18	Pre-kharif SRI	Rice	Decreasing area of Pre-kharif rice, no suitable popular variety, low yield of existing variety, no profit.	Cultivation of pre-kharif rice under SRI.	-	Cultivation of pre-kharif rice under SRI.	-	Training, Method demonstration, radio & TV talk	Seed, PP chemicals.
19	Seed production	Rice	High cost of hybrid rice seed.	Hybrid rice seed production in pre-kharif	-	Hybrid rice seed production , rougeing for pure seed production	-	Method demonstration, field visit, TV programme, radio talk.	Seed, PP chemicals, GA3
20	Cropping system	Pulses & Oilseed	Pulses & Oilseed not taken up after paddy successfully.	-	Cultivation of pulses & oilseed after rice	Cultivation of pulses & oilseed after rice	-	Method demonstration, field visits, TV programme.	Seed, PP chemicals.
21	Seed production	Rice	High seed cost seed and mixture	-	Seed production through SRI	Seed production through SRI	-	Demonstration media coverage	Seed
22	Household food security	Supplementary food	Mal nutrition of rural children	Impact of food supplement on pre-school child	-	Nutritive values for foods	-	Leaflet, radio talk, T.V talk	Food supplements
23	Income generating activity	Value added products of amla	Raw fruits are wasted, low income for farmers	Economic evaluation of value added products of amla	-	Value added product, method of value addition	-	Training mass media coverage, leaflets	Supply of materials

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 October 2010- March 2011 (Target)

Crop/ enterprise	Farming situation	Problem Diagnosed	Title of OFT	Assessment/ Refinement (WRITE A / R)	No. of trials*
1	2	3	4	5	6
Mustard	Rainfed	Low productivity due to inefficient & injudicious use of nutrients.	INM in mustard	A	10
Khaki Campbell	-	Cost of ready made feed is high.	Production performance of khaki Campbell using locally available feeds.	A	10
Broiler	-	Vaccination programme not done.	Efficiency of Ranikhet and IBD vaccine or broiler.	A	10
French bean	Rainfed	Low yield of other varieties, field remain fallow during this period.	Cultivation of French bean "SNEHA" (Spring planting Feb., March)	A	10
Rice	Irrigated	Decreasing area of pre-kharif rice, no suitable popular variety, low yield of existing variety, no profit.	Cultivation of pre-kharif rice under SRI.	A	10
Rice (Hybrid)	Irrigated	High cost of hybrid rice seed.	Hybrid rice seed production in pre-kharif	A	10
Fish	Rainfed	Low yield and low cost benefits ratio in single enterprise	Duck cum fish farming	A	10
Cucumber	Irrigated	Off-season varieties	Cultivation of cucumber	A	10
Tomato	Irrigated	Nursery raising, longer duration	Cultivation of tomato by direct seeding	A	10
Brinjal	-	Borers & wilt	IPM for Brinjal	A	10
Bulb crops	-	Thrips purple blotch	IPM for bulb crops	A	10
Magur	rainfed	Low production, high market demand	Culture of Magur	A	10
Food & nutrition	-	Malnutrition of rural child	Impact of food supplement on pre school child	-	10
Value addition	-	Raw fruit are wasted, low income for farmers	Economics of value added product of Amla	-	10

- = 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 2009-10 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. farmers	Area in ha
1	Pulses & oilseed production	Pulses & oilseeds	Mass media coverage – such radio, news paper, T.V, Training of Extension functionaries.	29	40	20
2	Crop production	SRI	Mass media coverage – such radio, news paper, T.V, Training of Extension functionaries.	10	10	2.5
3	Exotic vegetable production (Broccoli)	Cultivation of Broccoli Var. Princess F1 hybrid	Training, demonstration, DDK programme.	5	5	1
4	IPM	Cabbage with Mustard trap crop	Mass media coverage, leaflets, training, news paper coverage	8	25	8
5	IPM	Cabbage with tomato as intercrop	Mass media coverage, leaflets, training, news paper coverage	7	30	5
6	Integrated fish farming	Paddy cum fish farming	Demonstration mass media coverage, training.	7	7	3.5
7	Fodder production	Cultivation of oat	Training, demonstration, field visit, media.	10	10	1.25
8	Cultivation & conservation of local germplasm	Improved method of local pea cultivation	Training, demonstration, field visit, media.	10	10	2.50
9	Crop production	Hybrid rice cultivation	Training, demonstration, field visit, media.	10	10	5

* Thematic areas as given in Table on Training

Details of FLDs to be implemented during 2010-11 (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	Seed prodn.	Seed prodn. of rice through SRI	Pre-khariff 2011	Y	-	2.5	-	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 production	Cultivation of Mustard after rice	Rabi, 2010	-	-	5	-	10	10	

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 production	Cultivation of pea after paddy	Rabi, 2010	-	-	5	1	9	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	Potato	Cultivation of Potato	Var. kufri chipson-1	Rabi 2010	Assessed, Yes	-	1	2	8	10	
2	Potato	IPM	IPM	Rabi 2010	-	-	2.5	-	10	10	
3	Tomato	IPM	IPM	Rabi 2010	-	-	2.5	-	10	10	

Extension and Training activities proposed under FLD

No.	Activity	No. of activities	Tentative Date	Number of participants	Remarks
1	Pulses & oilseeds (Rabi)	1	27-9-2010	20	

(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	Farm implements	Row marker	Rabi 2010	-	-	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 production	Giriraja	10	100	i). Body weight at 0 day ii). Body weight at 8 weeks iii). Feed conversion efficiency iv). Egg weight v). Fertility vi). Hatchability vii). Survivability viii). Dressing %	i). Body weight 0 day-40.83±0.64kg ii). Body weight at 8 weeks-1345.40±10.60g iii). Feed conversion efficiency- 2.25 iv). Egg weight- 53.80±1.012g v). Hatchability- 68% vi). Fertility- 77% vii). Survivability at 8 weeks- 94% viii). Dressing %- 72%	i) Body weight at 0 day- 41.32±0.34g ii) Body weight at 8 weeks- 632.35±12.62kg iii) Feed conversion efficiency- 1.87 iv) Egg weight- 52.35±1.345g v) Hatchability- 58% vi) Fertility- 61% vii) Survivability at 8 weeks after age- 72% viii) Dressing %- 67%	i) Body weight at 0 day- 1.20 ii) Body weight at 8 weeks- 61.64 iii) Feed conversion efficiency- 20.32 iv) Egg weight- 2.76 v) Hatchability- 17.24 vi) Fertility- 26.22 vii) Survivability at 8 weeks- 30.55 viii) Dressing %- 7.46	

* 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								
Fisheries	Eel	10	10	Yield, growth ratio B:C	2.2kg/m ³	-	-	High market demand
Plant protection	Potato	10	10	Pest remarkably	8%	21%	61%	Highly effective
	Tomato	10	10	Pest remarkably	6%	20%	70%	Highly effective

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											
Resource Conservation Technologies											
Cropping Systems											
Crop Diversification	1	20	-	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	2	-	-	-	-	-	-	30	10	40	40
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											
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	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											
Designing and development for high nutrient efficiency diet											
Minimization of nutrient loss in processing	1	-	20	20	-	-	-	-	-	-	20
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											
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											
Disease Management											
Bio-control of pests and diseases											
Production of bio control agents and bio pesticides											
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	10	5	15	3	-	3	2	-	2	20
Fish processing and value addition											
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)											
TOTAL	6	47	28	75	3	-	3	33	10	43	120
(B) RURAL YOUTH											
Mushroom Production											
Bee-keeping											
Integrated farming											
Seed production											
Production of organic inputs	1	20	-	20	-	-	-	-	-	-	20
Integrated Farming											
Planting material production											
Vermiculture											
Sericulture											
Protected cultivation of vegetable crops											
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	1	15	5	20	-	-	-	-	-	-	20
Quail farming											
Piggery											
Rabbit farming											
Poultry production											
Ornamental fisheries											
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											
Post Harvest Technology											
Tailoring and Stitching											
Rural Crafts											
TOTAL	2	35	5	40							40
(C) Extension Personnel											
Productivity enhancement in field crops	1	18	2	20							60
Integrated Pest Management	1	20	-	20							20
Integrated Nutrient management	1	15	5	20							20
Rejuvenation of old orchards	1	20	-	20							20
Protected cultivation technology	1	15	5	20							20
Formation and Management of SHGs	1	15	5	20							20
Group Dynamics and farmers organizations											
Information networking among farmers	1	20	-	20							20
Capacity building for ICT application											
Care and maintenance of farm machinery and implements											
WTO and IPR issues	1	20	-	20							20
Management in farm animals											
Livestock feed and fodder production	1	15	5	20							20
Household food security											
Women and Child care	1	-	20	20							20
Low cost and nutrient efficient diet designing											
Production and use of organic inputs	1	20	-	20							20
Gender mainstreaming through SHGs	2	35	5	40							40
Any other (Pl. Specify) Seed production											
TOTAL	13	213	47	260							260

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 & Fam Women											
I Crop Production											
Weed Management	1	20	-	20	-	-	-	-	-	-	20
Nutrient Management											
Resource Conservation Technologies											
Cropping Systems	2	30	10	40	-	-	-	-	-	-	40
Crop Diversification											
Integrated Farming systems											
Water management											
Seed production											
Nursery management	1	15	5	20	-	-	-	-	-	-	20
Integrated Crop Management (Paddy +Potato)	2	25	15	40	-	-	-	-	-	-	40
Fodder production											
Production of organic inputs	1	20	-	20							20
II Horticulture											
a) Vegetable Crops											
Production of low volume and high value crops											
Off-season vegetables	2	20	20	40	-	-	-	-	-	-	40
Nursery raising	1	12	8	20	-	-	-	-	-	-	20
Exotic vegetables production											
Production of export potential vegetables											
Grading and standardization	1	11	9	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	1	16	4	20	-	-	-	-	-	-	20
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	1	7	13	20	-	-	-	-	-	-	20
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	1	-	-	-	-	-	-	14	6	20	20
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	1	15	5	20	-	-	-	-	-	-	20
Poultry Management	1	15	5	20	-	-	-	-	-	-	20
Piggery Management											
Rabbit Management											
Disease Management	1	10	10	20	-	-	-	-	-	-	20
Feed management	1	12	8	20	-	-	-	-	-	-	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	1	5	15	20	-	-	-	-	-	-	20
Designing and development for high nutrient efficiency diet											
Minimization of nutrient loss in processing	1	-	-	-	5	15	20	-	-	-	20
Gender mainstreaming through SHGs											
Storage loss minimization techniques	1	-	-	-	-	20	20	-	-	-	20
Value addition	1	-	20	20	-	-	-	-	-	-	20
Income generation activities for empowerment of rural Women											
Location specific drudgery reduction technologies											
Rural Crafts											
Women and child care	1	5	15	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	3	50	10	60	-	-	-	50	10	60	60
Disease Management	1	15	5	20	-	-	-	-	-	-	20
Bio-control of pests and diseases	2	15	5	20	15	5	20	30	10	40	40
Production of bio control agents and bio pesticides											
VIII Fisheries											
Integrated fish farming	1	15	5	20	-	-	-	-	-	-	20
Carp breeding and hatchery management	1	15	5	20	-	-	-	-	-	-	20
Carp fry and fingerling rearing	1	15	5	20	-	-	-	-	-	-	20
Composite fish culture	1	20	-	20	-	-	-	-	-	-	20
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes	1	20	-	20				20	-	20	20
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture											
Fish processing and value addition											
IX Production of Inputs at site											
Seed Production	2	30	10	40	-	-	-	-	-	-	40
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)											
TOTAL	36	433	207	640	20	40	60	14	6	20	720
(B) RURAL YOUTH											
Mushroom Production											
Bee-keeping											
Integrated farming											
Seed production	2	20	20	40	-	-	-	-	-	-	40
Production of organic inputs											
Integrated Farming											
Planting material production											
Vermiculture											
Sericulture											
Protected cultivation of vegetable crops											
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											
Piggery											
Rabbit farming											
Poultry production											
Ornamental fisheries											
Training as Para vets											
Training as Para extension workers											
Composite fish culture	1	15	5	20	-	-	-	-	-	-	20

Value addition	1	-	20	20	-	-	-	-	-	-	20
Income generation activities for empowerment of rural Women											
Location specific drugery reduction technologies											
Rural Crafts											
Women and child care	1	5	15	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	3	50	10	60	-	-	-	-	-	-	60
Disease Management	1	15	5	20							20
Bio-control of pests and diseases	2	15	5	20	15	5	20	-	-	-	40
Production of bio control agents and bio pesticides											
VIII Fisheries											
Integrated fish farming	1	20	-	20	-	-	-	-	-	-	20
Carp breeding and hatchery management	1	15	5	20							20
Carp fry and fingerling rearing	1	20	-	20	-	-	-	-	-	-	20
Composite fish culture	1	20	-	20	-	-	-	-	-	-	20
Hatchery management and culture of freshwater prawn											
Breeding and culture of ornamental fishes	1	20	-	20	-	-	-	-	-	-	20
Portable plastic carp hatchery											
Pen culture of fish and prawn											
Shrimp farming											
Edible oyster farming											
Pearl culture	1	10	5	15	3	-	3	2	-	2	20
Fish processing and value addition											
IX Production of Inputs at site											
Seed Production	2	30	10	40							40
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)											
TOTAL	42	490	225	715	23	40	63	46	16	62	840
(B) RURAL YOUTH											
Mushroom Production											
Bee-keeping											
Integrated farming											
Seed production	2	20	20	40	-	-	-	-	-	-	40
Production of organic inputs	1	20	-	20							20
Integrated Farming											
Planting material production											
Vermiculture											
Sericulture											
Protected cultivation of vegetable crops											
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	1	15	5	20	-	-	-	-	-	-	20
Quail farming											
Piggery											
Rabbit farming											
Poultry production											
Ornamental fisheries											
Training as Para vets											
Training as Para extension workers											
Composite fish culture	1	15	5	20							20
Freshwater prawn culture											
Fish harvest and processing technology											
Fry and fingerling rearing											
Small scale processing											
Post Harvest Technology											
Tailoring and Stitching											
Rural Crafts											
TOTAL	5	70	30	100							100
(C) Extension Personnel											
Productivity enhancement in field crops	1	18	2	20							20
Integrated Pest Management	1	20	-	20							20
Integrated Nutrient management	1	15	5	20							20
Rejuvenation of old orchards	1	20	-	20							20
Protected cultivation technology	1	15	5	20							20
Formation and Management of SHGs	1	15	5	20							20
Group Dynamics and farmers organizations											
Information networking among farmers	1	20	-	20							20
Capacity building for ICT application											
Care and maintenance of farm machinery and implements											
WTO and IPR issues	1	20	-	20							20
Management in farm animals											
Livestock feed and fodder production	1	15	5	20							20
Household food security											
Women and Child care	1	-	20	20							20
Low cost and nutrient efficient diet designing											
Production and use of organic inputs	1	20	-	20							20
Gender mainstreaming through SHGs											
Any other (Pl. Specify) Seed production	2	35	5	40							40
TOTAL	13	213	47	260							260

Vocational training programmes for Rural Youth :

Crop / Enterprise	Identified Thrust Area	Training title*	Duration (days)	No. of Participants		
				Male	Female	Total
Poultry	Poultry farming	Management of Broiler farming	1	18	2	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/RV/EF		Male			Female			Total				
							Others	SC	ST	Others	SC	ST	Others	SC	ST	Total	
1.	Farmers awareness on Pig Feed	Piggery Management	Dec,2010	1	PF	1	30	-	-	20	-	-	50	-	-		Amricon Agronet (P) Ltd.
Total				1		1	30			20			50				

PART - IV

(EXTENSION ACTIVITIES AND PRODUCTION OF SEED AND PLANTING MATERIALS)

4. Proposed Extension Activities for the year 2010-11 (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	1	30	10	40				15	5	20	45	15	60
Kisan Mela													
Kisan Gosthi	1	50	10	60							50	10	60
Exhibition													
Film Show													
Method Demonstrations	6	60	40	100				15	5	20	75	45	120
Farmers Seminar	1	25	5	30							25	5	30
Workshop													
Group meetings	3	30	10	40				15	5	20	45	15	60
Lectures delivered as resource persons	18												
Newspaper coverage	30												
Radio talks	16												
TV talks	15												
Popular articles													
Extension Literature	9												
Advisory Services	10												
Scientific visit to farmers field	50												
Farmers visit to KVK	400												
Diagnostic visits	100												
Exposure visits		25	5	30							25	5	30
Ex-trainees Sammelan													
Soil health Camp													
Animal Health Camp	2												
Agri mobile clinic	10												
Soil test campaigns													
Farm Science Club Conveners meet													
Self Help Group Conveners meetings													
Mahila Mandals Conveners meetings													
Celebration of important days (specify)													
Any Other (Specify) Scientist farmer interaction	50												
Total	723	220	80	300				45	15	60	265	95	360
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					
Oilseeds					
Pulses					
Vegetables					
Flower Crops					
Others (Specify)					

Planting materials :

Sl. No.	Crop	Variety	Quantity (Nos.)	Value (Rs.)	To be provided to (No. of Farmers)
Fruits					
Spices					
Vegetables					
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)		
1	Bioagents					
2	Biofertilizers					
3	Bio Pesticides					

Livestock :

Sl. No.	Type	Breed	Quantity		Value (Rs.)	To be provided to (No. of Farmers)
			Nos	Kgs		
Cattle						
Sheep and Goat	Meat	Non descript	16	240	36,000	16
Poultry	Dual	Khaki-campbell	100	200	24,000	20
Fisheries						
Others (Specify)						

Literature proposed to be developed/ published

Item	Title	Number
Research papers	1) Growth performance of Non Descript Local goat of Manipur. 2) Efficiency of Ranikhet and IBD vaccine on Broilers.	
Technical reports	-	
News letters	-	
Technical bulletins		
Popular articles	1) INM in oilseed & pulses. 2) Importance of quality seed. 3) Integrated fish farming. 4) Vaccination schedules of livestock's & poultry. 5) Need based articles on plant protection.	36
Extension literature	1) Care and management of Piglet. 2) Management of Goat.	
Others (Pl. specify)		
Total		

Details of Electronic Media proposed

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 : 9
ii. No. of farm families to be selected : 180
iii. No. of surveys/PRA to be conducted : 9

Proposed activities of Soil and Water Testing Laboratory:

- Status of establishment of Lab :**
1. Year of establishment :
2. Details of samples to be analyzed :

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), Bhubaneswar.	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.)
Farmer awareness on Broiler management	Dec.2010	Amricon Agro Vet (P) Ltd	4000
Training & demonstration on fisheries	Feb.,March 2010	NFDB	4,00,000
Duck cum fish farming	Nov.2010	OST	4000

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 & demonstration	Training & demonstration

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

S. No.	Programme	Nature of linkage proposed
1	Mini Mission-1	Selling and buying of planting materials.

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

S. No.	Programme	Nature of linkage proposed
1	Training & demonstration	Sponsorship for Training & demonstration.

PART – VI
(PERFORMANCE OF INFRASTRUCTURE)

6. Performance of infrastructure in KVK

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

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								
Pulses								
Oilseeds								
Fibers								
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	Goat	Non-Descript local	Meat	240
	Poultry	Khaki campbell	Meat & egg	200kg & 100 eggs
	Pig	Cross- bred	Meat	140kg

PART – VII
(SUMMARY)

7. Summary

Targets for 2010- 11 for KVK.

On Farm Trials

Thematic areas	Cereals	Pulses	Vegetables	Fruits	Total
Integrated Nutrient Management		Mustard			1
Off season vegetable production			Cucumber & French bean		2
Seed production	Rice				1
Cultivation of vegetable crop			Tomato		1
IPM			Brinjal, bulb crops.		2
Pre-kharif cultivation of rice	Rice				1
Grand total					8

FLDs on oilseed and pulse crops.

Name of KVK	Oilseeds		Pulses	
	Area (ha)	No. of farmers	Area (ha)	No. of farmers
Thoubal	5	10	5	10
Total				

Training programmes

Area	Farmers/ farm women		Rural youth		Extension personnel	
	Courses	Participants	Courses	Participants	Courses	Participants
Crop Production	5	100	1	20	3	60
Horticulture	6	120			2	40
Plant Protection	6	120			1	20
Home Science	6	120			2	40
Animal Science	5	100	1	20	2	40
Soil Science						
Agri Engineering						
Bee Keeping						
Mushroom Cultivation						
Agro forestry						
Others i) Fishery	5	100	1	20		
ii) Agri.Extension						
iii) PBG	4	80	2	40	2	40
iv) Computer					1	20
Total	37	720	5	100	13	260

Extension Activities

Activity	Nos
Field days	1
Kisan Mela	1
Exhibition	
Exposure visit	1
Extension literature	9
Scientist farmers' interaction	50
Ex-trainees meet	
Advisory services	10
Newspaper coverage	30
TV show	15
Radio talk	16
Others (Kisan Gosthi)	1
Method demonstration	6
Farmers seminar	1
Group meetings	3
Lectures delivered as resource persons	18
Total	161

Seed Production:

KVK	Quantity (qt)			
	Cereals	Oilseeds	Pulses	Vegetables
Total				

Planting Materials :

KVK	Quantity (nos)			
	Fruits	Vegetable Seedlings	Tree Species	Ornamental Plants
		Onion- 1,00,000(nos.) Value(Rs.)- 10,000 To be provided to farmers- 20 (nos.)		
		Tomato- 1,00,000(nos.) Value(Rs.)- 25,000 To be provided to farmers- 20 (nos.)		
		Chilli- 1,00,000(nos.) Value(Rs.)- 20,000 To be provided to farmers- 20 (nos.)		
Total		3,00,000		

Signature,
Programme coordinator,
KVK,Thoubal

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