

QRT REPORT , 2011(2005-06 to 2009-10) KRISHI VIGYAN KENDRA IMPHAL WEST

1. Name and Location of KVK
KVK, IMPHAL WEST, Lamphelpat, Imphal
2. Name of PC with Postal address and Telephone No.
Smt. S.K. Raman, ICAR Research Complex for NEH Region, Manipur Centre, Lamphelpat, Imphal. 0385-2416473
3. Name of District Hqrs and State.
Imphal West, Manipur
4. Sanction order No. and date
3.8.79 (No.F.22(7)/79 Edn. II)
5. Date of Establishment :
3.8.79
6. Name and address of the host Instt. (SAU based/ICAR instt. Based/NGO based/Independently Located)

ICAR Research Complex For NEH Region Manipur Centre, Lamphelpat , Imphal PIN 795004

7. Mandate and functions of KVK

Conduct “On-Farm Testing” (OFT) for identifying technologies in terms of location specific sustainable land use systems

Conduct Front Line Demonstrations (FLDs) on various crops to generate production data and feed back information

Organise short and long term vocational training courses in agricultural and allied vocations for the farmers and rural youths with emphasis on ”learning by doing” for higher production on farms and generating self employment

Organise training to update the extension personnel with emerging advances in agricultural research on regular basis

Seed Production

8. Infrastructural facilities available (land, building and equipments, etc.)

- a. Total land with KVK (in ha): 10
- b. Building: Farmers’ Hostel 1
- c. Poultry unit: 1
6. Equipment:

Name of the equipment	Year of purchase	Cost (Rs.)
Interactive board	2007	2,59700
Visualiser.	2007	2,28,450
LCD projector	2007	1,24,450
Digital camera	2005	20990.00
Amplifier (Ahuja)	2007	-

Electronic automatic Macro block digestion system	2006	189905.00
Electronic automatic distillation system	2006	166990.00
Rotary flask shaker	2007	34730.00
Grinder, Arthur Thomas Type	2007	20425.00
Refrigerator	2007	14000.00
Digital conductivity meter	2007	7150.00
All glass distillation apparatus	2007	15125.00
Oven	2007	214450.00
Hot plate	2007	2250.00
Spectrophotometer	2007	274500.00
Flame Photometer	2007	30900.00
Pocket pH Meter	2007	3875.00
Bench pH Meter	2007	9150.00
Chemical top loading balance	2007	33000.00

9. Staff Position (based on sanctioned strength) and their mobility

Sl No	Designation	No. of posts sanctioned	Name of Persons	Pay Scale	Date Joining	of	Date of Leaving
1.	Programme Coordinator ,	1	Smt. S. K. Raman	15600-39100	24.10.1980		-
2.	Subject Matter Specialist , Fishery	1	Sri Pronob Das	15600-39100	13.7.06		
3.	Subject Matter Specialist , Agronomy	1	Shri L. Ingobi Singh	15600-39100	27.10.80		-
4.	Subject Matter Specialist , Agril. Ext (Farm Manager)	1	Shri N. Arunkumar Singh	15600-39100	27.8.86		-
5.	Subject Matter Specialist , Horticulture	1	Smt Ng. Sanatombi Devi	15600-39100	8.3.83		-
6.	Subject Matter Specialist , Agril. Engg.	1	Shri Kh. Hera Singh	15600-39100	8.11.85		-
7.	Subject Matter Specialist , P.B.		Shri S. Gunamani Singh	15600-39100	20.4.2010		
8.	Subject Matter Specialist , Agril. Engg.		Shri. L. Kanta Singh	15600-39100	5.5.2010		
9.	Subject Matter Specialist , Agronomy		Smt. Lydia Zimik	15600-39100			
10.	Programme Assistant, Animal Sc.	1	Dr. R.K. Nirmala Devi	9300-34800	2.6.94		-
11.	Field man /Programme Assistant	1	Shri.S. Roben Singh	5200-20200	2.6.94		-
12.	Assistant	1	Smt. R. Lalveni	5200-20200	3.1.79		-
13.	Stenographer/Computer	1	Shri Lalkailuaia	5200-20200	14.2.85		-
14.	Driver	1	Shri H. Nandakumar	5200-20200	21.10.91		-
15.	Driver	1	Shri Th. Dijen Singh	5200-20200	12.6.06		-
16.	Cook	1	Shri N. Birachandra	4440-7440	16.3.81		-
17.	Watch man	1	Shri Milun	4440-7440	11.3.80		-
18.	Mali	1	Shri R. Ramayang	4440-7440	20.3.81		-

10. Allocation under various Head

Budget Head	Preceding Plan	I Year	II Year	III Year	IV Year	V Year
Recurring	-	-	-	-	-	54 lakhs
Non-recurring	-	-	-	-	-	11.8 lakhs
Total	-	-	-	-	-	65.8 lakhs

11. Major activities undertaken

- a. *Conducting of On Farm Testing/Trials in the villages of Imphal West*
- b. *Conducting of Front Line Demonstration on kharif and rabi oilseeds, kharif pulses and rabi pulses, vegetables, Animal Sciences, cereals as well as other than oil seed and pulses*
- c. *Seed production of cereals, pulses and oilseeds in KVK farm as well as farmer's field.*
- d. *Conducting of PRA, group discussion/farmers meeting and organising of awareness programme in the villages*
- e. *Conducting of training farmer, rural youths and extension functionaries.*

12. Major accomplishment and impact: fill up in Annexure IV to XI

13. SWOT (Strengths, Weaknesses, Opportunities and Threats) Analysis of KVK

STRENGTH

- ❖ *Staffs are mostly local and besides knowing local language has good understanding about the problems and prospects of the district.*
- ❖ *Situated in the state capital having good access to line departments.*
- ❖ *Have good contact with ICAR scientists.*

WEAKNESS

- ❖ *Poor infrastructure (no office building of its own)*
- ❖ *Insufficient fund for maintaining instructional farm.*

OPPORTUNITIES

- ❖ *It has internet access and well equipped laboratory facility.*
- ❖ *Farmers of the district are progressive and adoptive*
- ❖ *There is mobile connectivity with all villages in the district..*

THREATS

- ❖ *Unfavorable low and order condition.*
- ❖ *Effect of climate change on agriculture production.*

- ❖ *Unavailability of quality seed in the state.*
- ❖ *High cost of agricultural inputs.*

14. Efforts and achievement (Training of Staff in Trainers, Training Centres, and other institutes etc.)

KVK staffs had participated in various training programmes organised by different institutes and agencies like Institute of Extension Education (IEE), Jorhat Assam. ERNET India, Directorate of Extension Education, Central Agricultural University, Imphal, ZDP Zone-III etc.

15. Give a brief account of technical back-up the KVK has been getting from ICAR Instts. And SAU scientists in programme planning execution of programmes and evolution

KVK is in constant touch with the Scientists of the ICAR Manipur Centre and technologies recommended by ICAR for the state are tested by KVK in the farmers' filed by CONDUCTING OFTs and demonstrated under its frontline demonstration programmes. OFT and FLD programmes are implemented after thorough discussion with the ICAR scientists and they are actively involved in programme implementation. After each programme the feed back of the farmers are passed on to the Scientists for further study.

16. Enlist the publication made during the last five years. Also indicate the circulation status of such publications and the benefits accrued from them.

The following booklets were published and circulated:

Sl.	Topic	No. of copies circulated
1.	Cultivation of tomato	400
2.	Cultivation of onion	500
3.	Cultivation of pea	500
4.	Package and practices of rape seed	600
5.	Package and practices of soybean	600
6.	Package and practices of groundnut	500
7.	Package and practices of main khaarif rice	500
8.	Value added products from tree tomato	500
9.	Value addition from mango	400
10.	Scientific cultivation of passion fruit	500
11.	Cultivation of pleurotus mushroom	200
12.	Improved production technology of ginger	500
13.	Improved package of practices for cultivation of French bean	500
14.	Improved cultivation practices of turmeric	200
15.	Horticultural products and marketing in the hilly areas of Manipur	500

Status of Research – Extension Linkages at the District Level

- What of mechanism exists for local co-ordination of the front-line extension demonstration between the KVKs and the State Govt.?

While implementing front line demonstration programmes under various disciplines (agriculture and allied subjects) the district officers of the concerned departments i.e., Agriculture, Horticulture, Animal Husbandry and Fishery are contacted for selection of farmers and identify the needs of the farmers. Regular field visits and group discussions are also done along with the State government extension workers.

- What is the frequency of Local Management Committee/Scientist Advisory Committee Meeting for KVK/TTC during the last 5 Years?

SAC meeting is conducted mostly twice a year

- No. of monthly workshops organized
NA
- Frequency and no. of staff participated in seminars at zonal, state and national levels.

5 nos. of zonal, state and national level seminar and 10 nos. of staffs participated

- Whether the local NOGs are involved in KVKs/TTCs Programmes

Yes.

- Whether the local *Mahila Mandal* or Farm Science clubs are promoted and have become visible in their activities.

Yes.

- A brief about the extent of contribution of the officials of various line-departments and joint programmes undertaken.

The following joint programmes were undertaken:

- a. Organizing joint training programmes for extension functionaries and farmers and farm women.*
- b. Participation in Agricultural fairs organized by state departments*
- c. Joint vaccination programmes*
- d. Joint implementation of FLD programmes on cereals and oilseeds*

Annexure IV

Status of Institutional Training

Sl.No.	Item	Indicators	Remarks
A.	Planning		

1.	Schedule of training programmes	Was it done well in advance with due planning?	<i>Yes, the training needs are identified first and lesson plans are prepared accordingly</i>
2.	Job analysis on the participants	Were participants asked as to what they are doing and what their duties are?	Yes.
3.	Trainees analysis	Was the knowledge test of trainees conducted before the commencement of the course?	<i>Yes, knowledge tests are conducted before and after the training</i>
4.	Training needs assessment	Based on the trainees and job analysis, were the training needs assessed?	Yes
B. Preparation			
5.	Organization of content (course content and syllabus)	Were the course content and the syllabus prepared and the speakers/trainers identified?	<i>Yes, the course contents and syllabus are prepared as per the needs of the farmers</i>
6.	Lesson plan	Was it prepared and adhered to? Has it been discussed and approved?	Yes
C. Implementation of training			
7.	Conduct of training	Were audio-visual aids used in the conduct of training?	<i>Yes. AV aids are used in all on-campus training programme</i>
8.	Mid-review	Was mid-review done for any modification?	Yes.
D. Training evaluation			
9.	Job improvement plan	Was job improvement plan for trainees devised?	Yes.
10.	Review and revision of training	Were training programmes revised on the post-training feedback?	<i>Yes, many times</i>
11.	Monitoring and evaluation syllabus (Post-training contact)	Has any mechanism/methodology developed for post-training contact with trainees. If so, how it is made use of?	<i>Yes.the ex-trainees are contacted through mobile phones and through farm visits</i>

Annexure V

Details of Training Programmes Conducted

Training programme conducted vs targets fixed (discipline-wise) for extension functionaries (last 5 years 2005-06 to 2009-10)

Sl. No.	Discipline	† \$1	†† \$1	††† \$1	†††† \$1	††††† \$1	†††††† \$1
1	Crop production	-	-	2/50	1/20	-	3/70
2	Horticulture	-	-	1/20	-	-	1/20
3	Livestock	1/10	-	3/110	-	2/48	6/168
4	Plant breeding	-	-	-	-	1/50	1/50
5	Home Science	4/100	1/13	3/37	1/12	1/30	12/192
6	Agri Engg	-	1/7	2/12	1/8	2/15	06/42
7	Plant protection	-	1/10	-	-	-	01/10
8	Fishery	-	1/45	-	-	-	01/45
Total		5/110	4/75	11/229	3/30	6/143	31/597

Training programme conducted for farmers/farm women (last 5 years 2005-06 to 2009-10)

Sl. No.	Discipline	† \$1	†† \$1	††† \$1	†††† \$1	††††† \$1	†††††† \$1
1	Crop production	10/223	10/222	12/187	9/166	13/209	54/1007
2	Horticulture	10/459	14/798	7/122	5/101	10/121	46/1601
3	Livestock	6/142	2/30	3/62	4/95	5/170	19/499
4	Plant breeding	-	-	-	-	7/172	07/172
5	Home Science	30/562	12/196	9/124	1/35	8/167	60/1084
6	Agri Engg	10/220	8/205	8/185	10/235	11/256	47/1101
7	Plant protection	-	8/129	9/232	11/290	17/475	45/1126
8	Fishery	2/127	7/113	13/667	4/135	2/78	28/1120
Total		68/1733	69/1693	61/1579	44/1057	76/1649	306/7710

Note: C, No. of courses; P, No. of participants

Annexure VI

Front-line demonstrations in rabi season (2005-06 to 2009-10)

Condition: Rainfed/Irrigated

Sl. No.	Year	Crop	Variety	No. of farmers	Area (ha)	Average yield (q/ha)	Local check Av CR	Improved variety CR	Increase CR	Net loss (Rs)	Effective gain (Rs)
Crop production											
1.	2005-06	Mustard	M-27	31	29.83	7.69	10000	18000	8000	-	8000
		Pea	Rachana	4	1.10	11.55	11000	23000	1200	-	12000
		Wheat	Sonalika	1	0.10	20.00	8000	27000	19000	-	19000
		Field pea	Arkel	10	0.10	23.50	15000	54000	39000	-	39000
		Onion	Nasik red	10	0.10	185	-	-	-	-	-
		Cabbage	Rareball	20	0.10	445	180	-	-	-	-
2.	06-07	Mustard	M-27	24	29.17	7.60	11000	29400	18400	-	18400
		Pea	Rachana	5	2.33	14.23	16800	29400	12600	-	12600
3.	07-08	Mustard	M-27	30	19.13	7.46	7250	14110	7110	-	7110
		Pea	Rachana	13	3.20	8.35	12000	18400	6400	-	6400
4.	09-10	Mustard	M-27	30	20	8.00	1700	29000	12000	-	12000
Horticulture											

5.	2005-06	Garden pea	Arkel	10	1.00	23.5	3345.00	28495.00	25150.00	-	25150.00
		Onion	Nasik red	10	1.00	185.0	30978.00	66878.00	35900.00	-	35900.00
		Cabbage	Rareball	20	1.00	445.0	48800.00	204300.00	155500.00	-	155500.00
6.	06-07	Cabbage	Rareball	20	4.0	247.0	45800.00	85500.00	39700.00	-	39700.00
		Onion	Nasik red	30	3.0	150.0	297780.00	45878.00	16100.00	-	16100.00
		Pea	Arkel	10	1.0	27.0	33345.00	38995.00	5650.00	-	5650.00
7.	07-08	Cabbage	Rareball	20	4.0	309.7	72800.00	123120.00	50320.00	-	50320.00
		Onion	Nasik red	15	3.0	214.2	66378.00	84398.00	18020.00	-	18020.00
		Pea	Arkel	4	1.0	37.4	33345.00	70195.00	36850.00	-	36850.00
8.	08-09	Cabbage	Rareball	20	2.0	200.4	49852.00	94320.00	44468.00	-	44468.00
		Onion	Nasik red	20	2.0	183	57300.00	112000.00	54700.00	-	54700.00
		Pea	Arkel	10	2.0	32.68	68475.00	85695.00	17220.00	-	17220.00
		Cauliflower	Snow crown	10	1.0	67.6	53572.00	75080.00	21508.00	-	21508.00

Front-line demonstrations in kharif season (2005-06 to 2009-10)

Condition: Rainfed/Irrigated

Sl. No.	Year	Crop	Variety	No. of farmers	Area (hectares)	Average yield	Local check Av CR	Improved variety CR	Increase CR	Net loss (Rs)	Effective gain (Rs)
Crop production											
1.	2005	Groundnut	JL-24 ICGS-76	28	20.00	13.43	37000.00	27000.00	2000.00	-	2000.00
		Soybean	JS-335	23	12.10	11.52	13000.00	30000.00	15000.00	-	12000.00
2.	2006	Groundnut	JL-24	3	1.67	15.30	12000.00	31000.00	19000.00	-	19000.00
		Soybean	JS-335	5	2.16	13.40	9000.00	32000.00	23000.00	-	23000.00
3.	2007	Groundnut	TAG-24	7	2.00	10.33	9500.00	20000.00	10500.00	-	10500.00
		Soybean	JS-335	6	2.00	11.03	16000.00	30000.00	14000.00	-	14000.00
		Black gram	T-9	14	5.00	6.96	11000.00	23000.00	12000.00	-	12000.00
4.	2008	Groundnut	ICGS-76	10	3.00	13.16	9500.00	22000.00	12500.00	-	12500.00
		Groundnut	JL-24	5	1.00	12.00	9000.00	23000.00	14000.00	-	14000.00
		Soybean	JS-335	12	2.44	10.17	12000.00	26000.00	14000.00	-	14000.00
		Black gram	T-9	7	2.00	8.12	16000.00	28000.00	12600.00	-	12600.00
5.	2009	Groundnut	ICGS-76 JL-24	15	6.24	13.67	12500.00	26500.00	16000.00	-	16000.00
		Soybean	JS-335	12	3.58	12.38	17200.00	35420.00	16220.00	-	16220.00
		Black gram	T-9	15	6.27	7.09	16500.00	23500.00	69500.00	-	6950.00
6.	2010		ICGS-76	5	0.50	16.00	10500.00	42000.00	31500.00	-	31500.00
		Soybean	JS-335	7	1.00	13.20	18600.00	37800.00	19200.00	-	19200.00
7.	2007	Pre kharif Rice	RC Maniphou 4 & 5	25	11.30	40.00	7000.00	19900.00	12000.00	-	12000.00
8.	2008	kharif Rice	RC Maniphou 10	29	22.25	55.50	19100.00	33500.00	14400.00	-	14400.00
9.	2009	kharif Rice	RC Maniphou 10	17	10.00	61.00	12900.00	39000.00	27100.00	-	27100.00
10.	2010	Pre kharif Rice	RC Maniphou 4 & 5	13	7.29	42.50	10000.00	24700.00	14700.00	-	14700.00
11.	2010	kharif Rice	RC Maniphou 4 & 5	20	10.00	60.90	2600.00	44000.00	18000.00	-	18000.00
Agril. Engg.											
12.	2007-08	Bardoli seed drill (Groundnut)	ICGS-76	5	1.00	15 MD/Ha	60MD/ha	-	-	-	4500/ha
13.	2008-09	Maize sheller	-	10	-	15-20 kg/hr	3-4 kg/hr	-	-	-	500/day
14.	2009-10	Conoweed er (rice)	-	5	-	8 MD/Ha	40MD/Ha	-	-	-	3200/ha
Horticulture											

15.	2007-08	French bean	Anupama	5	0.5	42.2	41300.00	64400.00	23100.00	-	23100.00
16.		Lady's finger	Arka anamika	5	1.0	53.4	20000.00	64800.00	44800.00	-	44800.00
17.	2008-09	Cabbage	Rareball	20	2.0	200.4	49852.00	94320.00	44468.00	-	44468.00
18.		Onion	Nasik red	20	2.0	183	57300.00	112000.00	54700.00	-	54700.00
19.		Pea	Arkel	10	2.0	32.68	68475.00	85695.00	17220.00	-	17220.00
20.		Cauliflower	Snow crown	10	1.0	67.6	53572.00	75080.00	21508.00	-	21508.00
21.	2009-10	Mushroom	Oyster	3	-	400 bags/ farmer	12500.00	20800.00	8300.00	-	8300.00
22.		Cabbage	Rareball	10	2.0	197.2	40252.00	91760.00	51508.00	-	51508.00
23.		Pea	Arkel	5	1.0	31.4	67475.00	80575.00	13100.00	-	13100.00
24.		Onion	Nasik red	10	2.0	117.8	10300.00	46800.00	36500.00	-	36500.00

Live stock										
Sl. No	Year	Enterprise	Breed	No. of farmer	No. of animal, poultry bird etc.	Performance parameters	Data on parameter in technology demonstrated		% change in the parameter	
							Demos	Local		
1.	2007-08	Poultry	Vanaraja	7	135	Body wt. gain and egg production	3 kg body wt. 130 eggs per annum	2 kg 70 eggs	50.0 85.7	
2.	2009-10	Poultry	Vanaraja	6	840 270	Body wt. gain and egg production	Rs. 5880.00 egg Rs. 48600.00 meat	3360.00 21600.00	84.6 100	
3.	2009-10	Pig	Cross breed hampshire	5	765	Meat production	Rs. 15300.00	Rs. 9000.00	70	
4.		Pig	Cross breed hampshire	5	850	Meat production	Rs. 17000.00	Rs. 10000.00	70	
Fishery										
5.	2006	Composite fish farming	Rohu, catla, mrigal, common carp	5	2.8 ha	Fish production	8000.00 kg /ha (Rs. 560000.00)	2000 kg/ha (Rs. 140000.00)	300	
		Induced breeding for seed production of carp	Carp	3	1.5 million spawn	Fingerlings	Rs.90,000.00	Rs. 45,000.00	100	
6.	2007	Composite fish farming	Carp	4	1.0 ha	Fish production	5000.00 kg /ha (Rs. 350000.00)	2000 kg/ha (Rs. 140000.00)	150	
		Semi intensive fish farming	Carp	2	2.00 ha	Fish production	8000.00 kg /ha (Rs. 560000.00)	2000 kg/ha (Rs. 140000.00)	300	
		Paddy cum fish culture	Carp	4	1.0 ha	Fish production	600.00 kg /ha (Rs. 42000.00)	250 kg/ha (Rs. 17500.00)	140	
		Induced breeding and seed production of carp	Carp	3	0.40 million spawn	Fingerlings	Rs.28,000.00	Rs.14,000.00	100	
7.	2008	Scientific composite farming	Rohu, catla, mrigal,	4	1.0 ha	Fish production	5590.00 kg /ha (Rs. 391300.00)	2000kg/ha (Rs. 140000.00)	175	

Notes: C= Cost (Rs)/ha; R= Returns (Rs)/ha; The results of front-line demonstrations may be indicated year-wise. If livestock and other enterprises are involved, they have to be indicated and the Table modified accordingly.

Annexure VII

Broad-basing of Front-line Extension (2005-06 to 2009-10)

(Numbers)

Sl.No.	Item	I Year	II Year	III Year	IV Year	V Year	Total
1	Artificial insemination cases	40	25	37	25	20	147
2	Animal health-care provided	6	3	5	3	8	25
3	Poultry introduced	384	370	555	425	400	1934
4	Piggery/rabbitary introduced	0/6	-	11/0	9/0	10/0	30/6
5	Planting material produced and distributed	5000	3500	5000	4000	4300	21800
6	Fodder and grass introduced (ha)	-	-	-	-	-	-
7	Tress introduced (No.)	-	-	-	-	-	-
8	Wasteland developed plan prepared	-	-	-	-	-	-
9	Wasteland development	-	-	-	-	1	1
10	Consultancy on soil analysis and topographic survey	25	20	12	100	120	247
11	Consultancy on land-use planning and cropping patterns	5	4	6	8	10	33
12	Improved hand tools and implements introduced	5	2	6	8	9	30
13	Fishery demonstrations	-	2	4	2	1	9
14	Mushroom units	5	3	4	6	3	21
15	Vermin compost units	-	-	5	4	5	14

Annexure VIII

Impact of KVK in Terms of Agricultural and Animal Productivity, Socio-economic Conditions and Employment Generations during the QRT period in the Adopted Villages

Sl.No.	Item	Unit	In 2004-05	In 2010-11
1	Change in cropping pattern	(%)	20	40
2	Change in productivity of	(kg/ha)		
	(a) Cereal crops	-	4000	5500
	(b) Pulses	-	874	1300
	(c) Oilseeds	-	531	800
	(d) Overall	-	1801	19033
3	Use of HYV (high-yielding varieties)	(%)	-	60
4	Uses of fertilizers (NPK) (nutrient)	(kg/ha)	70:30:20	60:40:30
5	Use of FYM and other biofertilizers	(kg/ha)	-	-
6	Tractor/machinery	(No.)		
7	Change in economic indicators (in adopted villages)	(No.)		
	a. Net returns/ha/yr	Rs	24000	57000
	b. (by crop/enterprise)		-	-

Annexure IX

Extension Activities Undertaken (2005-06 to 2009-10) (Numbers)

Sl. No.	Activity	I Year	II Year	III Year	IV Year	V Year	Total
1	Field days	2	2	3	2	1	10
2	Agril. Exhibition	1	2	2	1	1	7
3	Farmer's Fairs	-	-	1	1	-	2
4	Radio Talk	19	3	7	8	6	43
5	TV Show	1	-	1	2	2	6
6	Film Show	4	2	1	1	2	10
7	Training materials produced (a) Pamphlets (b) (b) Video-cassette (c) (slides)	7	6	16	5	10	44
8	Farm Science Club organized	-	-	1	2	2	5
9	Mahila Mandals organized	-	-	5	3	7	15
10	Extension Training meetings organized	7	2	9	4	4	26
11	Any other	-	-	-	-	-	-

Impact of KVK on Farming Population**1. Adopted village**

1. Name and address of farmers : N. Dhenu Singhn Ngairangbam Village , Imphal West District
2. Enterprises being practiced : Rape seed and field pea
3. Enlist improved technologies being adopted under different enterprises at Sl. No. 2 above
4. When these were improved technologies received by you, and from where? 1989 fro KVK Imphal West
5. Enlist 10 latest technologies which have been received from the KVK in your village and furnish information on the following.

Sl.No.	Name of technology	Extent of adoption in % (approx)	Reasons for formal adoption
1.	<i>Rice (RC- Maniphou -7)</i>	40	<i>Higher yield</i>
2.	<i>Rice (RC- Maniphou - 10)</i>	60	<i>short duration, higher yield, tolerant to blast and suitable for paddy cum fish</i>
3.	<i>Rice (RC- Maniphou -4)</i>	65	<i>Suitable for early Kharif/First crop</i>

			and paddy cum fish culture
4.	<i>Rice (RC- Maniphou -5)</i>	65	Suitable for early Kharif/First crop and paddy cum fish culture
5.	<i>Rice (RC- Maniphou -6)</i>	30	<i>Good taste, medium yield and recommended for upland areas with low fertility</i>
6.	<i>Rapeseed mustard (M-27)</i>	70	<i>Recommended for zero tillage and Higher yield</i>
7.	<i>Furrow Liming of 250 kg/ha in Oilseed Ground nut(ICGS-76)</i>	50	<i>Higher yield</i>
8.	<i>Onion (Nasik Res)</i>	40	<i>Higher Yield</i>
9.	<i>Tomato (Sel-3)</i>	35	<i>Higher Yield and blight tolerant</i>
10.	<i>Rabi maize (Pusa composite-3)</i>	20	<i>Higher yield</i>

6. What should be the approach of KVK for training and better adoption of technologies in light of your experience at Sl.No.5. Area under demonstration should be increased
7. Do you know the activities of KVK? Yes
8. If yes, what are those activities? OFT, FLD and training
9. Do you think that roles/activities of KVK need some change? Yes/No - No
10. If yes, what are your suggestions? NA
11. Any other comments on the KVK: More no. of off campus trainings should be organized.

2. Adopted village

1. Name and address of farmers : Ch. Kameswar Singh, Ngairangbam Village , Imphal West District
2. Enterprises being practiced : Rape seed and vegetables
3. Enlist improved technologies being adopted under different enterprises at Sl. No. 2 above
4. When these were improved technologies received by you, and from where? 1989 fro KVK Imphal West
5. Enlist 10 latest technologies which have been received from the KVK in your village and furnish information on the following.

Sl.No.	Name of technology	Extent of adoption in % (approx)	Reasons for formal adoption
1.	Back yard poultry farming	40	Productive and less disease
2.	<i>Rice (RC- Maniphou -10)</i>	60	<i>short duration, higher yield, tolerant to blast and suitable for paddy cum fish</i>
3.	Cabbage (Rareball)	50	Higher yield

4.	<i>Rice (RC- Maniphou -5)</i>	65	Suitable for early Kharif/First crop and paddy cum fish culture
5.	<i>Rice (RC- Maniphou -6)</i>	30	<i>Good taste, medium yield and recommended for upland areas with low fertility</i>
6.	<i>Rapeseed mustard (M-27)</i>	70	<i>Recommended for zero tillage and Higher yield</i>
7.	<i>Furrow Liming of 250 kg/ha in Oilseed Ground nut(ICGS-76)</i>	50	<i>Higher yield</i>
8.	<i>Onion (Nasik Res)</i>	40	<i>Higher Yield</i>
9.	<i>Tomato (Sel-3)</i>	35	<i>Higher Yield and blight tolerant</i>
10.	<i>Rabi maize (Pusa composite-3)</i>	20	<i>Higher yield</i>

6. What should be the approach of KVK for training and better adoption of technologies in light of your experience at Sl.No.5. More nos. of training programmes should be organized.
7. Do you know the activities of KVK? Yes
8. If yes, what are those activities? OFT, FLD and training
9. Do you think that roles/activities of KVK need some change? Yes/No - No
10. If yes, what are your suggestions? NA
11. Any other comments on the KVK: Should adopt the village for minimum of 5 years.

3. Adopted village

1. Name and address of farmers : L. Rabi Singh, Heikrujam Village , Imphal West District
2. Enterprises being practiced : Rice and field pea
3. Enlist improved technologies being adopted under different enterprises at Sl. No. 2 above
4. When these were improved technologies received by you, and from where? 2009 fro KVK Imphal West
5. Enlist 10 latest technologies which have been received from the KVK in your village and furnish information on the following.

Sl.No.	Name of technology	Extent of adoption in % (approx)	Reasons for formal adoption
1.	<i>Rice (RC- Maniphou -11)</i>	40	<i>Higher yield & less incidence of insect pest and diseases</i>
2.	<i>FIELD PEA, Var. Rachana</i>	55	<i>Higher yield and tolerant to powdery mildew</i>
3.	<i>Rice (RC- Maniphou -4)</i>	65	Suitable for early Kharif/First crop and paddy cum fish culture
4.	<i>Rice (RC- Maniphou -5)</i>	65	Suitable for early Kharif/First crop and

			paddy cum fish culture
5.	<i>Rice (RC- Maniphou -6)</i>	30	<i>Good taste, medium yield and recommended for upland areas with low fertility</i>
6.	<i>Rapeseed mustard (M-27)</i>	70	<i>Recommended for zero tillage and Higher yield</i>
7.	<i>Furrow Liming of 250 kg/ha in Oilseed Ground nut(ICGS-76)</i>	50	<i>Higher yield</i>
8.	<i>Onion (Nasik Res)</i>	40	<i>Higher Yield</i>
9.	<i>Tomato (Sel-3)</i>	35	<i>Higher Yield and blight tolerant</i>
10.	<i>Rabi maize (Pusa composite-3)</i>	20	<i>Higher yield</i>

6. What should be the approach of KVK for training and better adoption of technologies in light of your experience at Sl.No.5. Area under demonstration should be increased .
7. Do you know the activities of KVK? Yes
8. If yes, what are those activities? OFT, FLD and training
9. Do you think that roles/activities of KVK need some change? Yes/No - No
10. If yes, what are your suggestions? NA
11. Any other comments on the KVK: More no. of off campus trainings should be organized.

4. Adopted village

1. Name and address of farmers : Y. Ranjit Singh Yumnam Huidrom Village Village , Imphal West District
2. Enterprises being practiced : Zero tillage rape seed cultivation ,
3. Enlist improved technologies being adopted under different enterprises at Sl. No. 2 above
4. When these were improved technologies received by you, and from where? 1989 fro KVK Imphal West
5. Enlist 10 latest technologies which have been received from the KVK in your village and furnish information on the following.

Sl.No.	Name of technology	Extent of adoption in % (approx)	Reasons for formal adoption
1.	<i>Rice (RC- Maniphou -7)</i>	40	<i>Higher yield</i>
2.	<i>Rice (RC- Maniphou -10)</i>	60	<i>short duration, higher yield, tolerant to blast and suitable for paddy cum fish</i>
3.	<i>Rice (RC- Maniphou -4)</i>	65	<i>Suitable for early Kharif/First crop and paddy cum fish culture</i>
4.	<i>Rice (RC- Maniphou -5)</i>	65	<i>Suitable for early Kharif/First crop</i>

			and paddy cum fish culture
5.	<i>Rice (RC- Maniphou -6)</i>	30	<i>Good taste, medium yield and recommended for upland areas with low fertility</i>
6.	<i>Rapeseed mustard (M-27)</i>	70	<i>Recommended for zero tillage and Higher yield</i>
7.	<i>Furrow Liming of 250 kg/ha in Oilseed Ground nut(ICGS-76)</i>	50	<i>Higher yield</i>
8.	<i>Onion (Nasik Res)</i>	40	<i>Higher Yield</i>
9.	<i>Tomato (Sel-3)</i>	35	<i>Higher Yield and blight tolerant</i>
10.	<i>Rabi maize (Pusa composite-3)</i>	20	<i>Higher yield</i>

6. What should be the approach of KVK for training and better adoption of technologies in light of your experience at Sl.No.5. Area under demonstration should be increased
7. Do you know the activities of KVK? Yes
8. If yes, what are those activities? OFT, FLD and training
9. Do you think that roles/activities of KVK need some change? Yes/No - No
10. If yes, what are your suggestions? NA
11. Any other comments on the KVK: No. of visits to the village should be increased.

5. Adopted village

1. Name and address of farmers : L. Indramani Singh, Mayang Imphal, Kokchai Village , Imphal West District
2. Enterprises being practiced : Piggery, and rice
3. Enlist improved technologies being adopted under different enterprises at Sl. No. 2 above
4. When these were improved technologies received by you, and from where? 2009 fro KVK Imphal West
5. Enlist 10 latest technologies which have been received from the KVK in your village and furnish information on the following.

Sl.No.	Name of technology	Extent of adoption in % (approx)	Reasons for formal adoption
1.	<i>Piggery (Cross breed Hemshire)</i>	40	<i>Better growth and higher income</i>
2.	<i>Filed pea (Rachana)</i>	35	<i>Higher yield</i>
3.	<i>Rice (RC- Maniphou -4)</i>	65	<i>Suitable for early Kharif/First crop and paddy cum fish culture</i>
4.	<i>Rice (RC- Maniphou -5)</i>	65	<i>Suitable for early Kharif/First crop and paddy cum fish</i>

			culture
5.	<i>Rice (RC- Maniphou -6)</i>	30	<i>Good taste, medium yield and recommended for upland areas with low fertility</i>
6.	<i>Rapeseed mustard (M-27)</i>	70	<i>Recommended for zero tillage and Higher yield</i>
7.	<i>Furrow Liming of 250 kg/ha in Oilseed Ground nut(ICGS-76)</i>	50	<i>Higher yield</i>
8.	<i>Onion (Nasik Res)</i>	40	<i>Higher Yield</i>
9.	<i>Tomato (Sel-3)</i>	35	<i>Higher Yield and blight tolerant</i>
10.	<i>Rabi maize (Pusa composite-3)</i>	20	<i>Higher yield</i>

6. What should be the approach of KVK for training and better adoption of technologies in light of your experience at Sl.No.5. Area under demonstration should be increased
7. Do you know the activities of KVK? Yes
8. If yes, what are those activities? OFT, FLD and training
9. Do you think that roles/activities of KVK need some change? Yes/No - No
10. If yes, what are your suggestions? NA
11. Any other comments on the KVK: More no. of off campus trainings should be organized.

6. Non-Adopted village

1. Name and address of farmers : K. Santi Devi, Malom Village , Imphal West District
2. Enterprises being practiced : Rice cultivation
3. Enlist improved technologies being adopted under different enterprises at Sl. No. 2 above
4. When these were improved technologies received by you, and from where? 2007 from State Agriculture Dept.
5. Enlist 10 latest technologies which have been received from the KVK in your village and furnish information on the following.

Sl.No.	Name of technology	Extent of adoption in % (approx)	Reasons for formal adoption
1.	<i>HYV rice</i>	30	<i>Higher income</i>

6. What should be the approach of KVK for training and better adoption of technologies in light of your experience at Sl.No.5. NA
7. Do you know the activities of KVK? NO
8. If yes, what are those activities? NA
9. Do you think that roles/activities of KVK need some change? Yes/No - No
10. If yes, what are your suggestions? NA

11. Any other comments on the KVK: Heard about KVK but not aware of its activities.

7. Non-Adopted village

1. Name and address of farmers : Y. Sasnajaoba Singh, Irom Meijrao , Imphal West District
2. Enterprises being practiced : Zero tillage
3. Enlist improved technologies being adopted under different enterprises at Sl. No. 2 above
4. When these were improved technologies received by you, and from where? 2009 from KVK adopted neighboring village
5. Enlist 10 latest technologies which have been received from the KVK in your village and furnish information on the following.

Sl.No.	Name of technology	Extent of adoption in % (approx)	Reasons for formal adoption
1.	<i>Zero tillage with M-27</i>	50	<i>Higher income</i>

6. What should be the approach of KVK for training and better adoption of technologies in light of your experience at Sl.No.5. NA
7. Do you know the activities of KVK? Yes
8. If yes, what are those activities? Training
9. Do you think that roles/activities of KVK need some change? Yes/No - No
10. If yes, what are your suggestions? NA
11. Any other comments on the KVK: KVK should adopt more no. of villages.

8. Non-Adopted village

1. Name and address of farmers : K. Naoton Singh, New Keithelmanbi , Imphal West District
2. Enterprises being practiced : Piggery and back yard poultry
3. Enlist improved technologies being adopted under different enterprises at Sl. No. 2 above
4. When these were improved technologies received by you, and from where? 2008 from KVK adopted neighboring village
5. Enlist 10 latest technologies which have been received from the KVK in your village and furnish information on the following.

Sl.No.	Name of technology	Extent of adoption in % (approx)	Reasons for formal adoption
1.	<i>Piggery</i>	45	<i>Higher income</i>
2.	<i>BACK YARD POULTRY</i>	40	<i>More productive and less</i>

			<i>diseases</i>
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6. What should be the approach of KVK for training and better adoption of technologies in light of your experience at Sl.No.5. NA
7. Do you know the activities of KVK? Yes
8. If yes, what are those activities? Demonstration
9. Do you think that roles/activities of KVK need some change? Yes/No - No
10. If yes, what are your suggestions? NA
11. Any other comments on the KVK: KVK should adopt more no. of villages.

9. Non-Adopted village

1. Name and address of farmers : L. Santi Devi, Tairenpokpi , Imphal West District
2. Enterprises being practiced : Groundnut, Piggery and back yard poultry
3. Enlist improved technologies being adopted under different enterprises at Sl. No. 2 above
4. When these were improved technologies received by you, and from where? 2006 from KVK adopted neighboring village
5. Enlist 10 latest technologies which have been received from the KVK in your village and furnish information on the following.

Sl.No.	Name of technology	Extent of adoption in % (approx)	Reasons for formal adoption
3.	<i>Piggery</i>	45	<i>Higher income</i>
4.	<i>BACK YARD POULTRY</i>	40	<i>More productive and less diseases</i>
5.	<i>Groundnut (ICGS-76)</i>	50	<i>Higher income</i>

6. What should be the approach of KVK for training and better adoption of technologies in light of your experience at Sl.No.5. NA
7. Do you know the activities of KVK? Yes
8. If yes, what are those activities? Demonstration and training
9. Do you think that roles/activities of KVK need some change? Yes/No - No
10. If yes, what are your suggestions? NA
11. Any other comments on the KVK: KVK should adopt more no. of villages.

10. Non-Adopted village

12. Name and address of farmers :S. Meghachandra Singh, Luiker , Imphal West District
13. Enterprises being practiced : Rice

14. Enlist improved technologies being adopted under different enterprises at Sl. No. 2 above
15. When these were improved technologies received by you, and from where? 200 from KVK adopted Ngairangbam village
16. Enlist 10 latest technologies which have been received from the KVK in your village and furnish information on the following.

Sl.No.	Name of technology	Extent of adoption in % (approx)	Reasons for formal adoption
1.	<i>Rice (RCM-10)</i>	50	<i>Higher income</i>

17. What should be the approach of KVK for training and better adoption of technologies in light of your experience at Sl.No.5. NA
18. Do you know the activities of KVK? Yes
19. If yes, what are those activities? Demonstration and training
20. Do you think that roles/activities of KVK need some change? Yes/No - No
21. If yes, what are your suggestions? NA
22. Any other comments on the KVK: KVK should adopt more no. of villages.