

QUINQUENNIAL REVIEW TEAM
KRISHI VIGYAN KENDRA, DHEMAJI
(Period: 2005-06 to 2009-10)

1. **Name and Location of KVK:** Krishi Vigyan Kendra, Dhemaji, Silapathar

2. Name of PC with Postal address and Telephone No.:

Dr. Tarun Chandra Mahanta
 KVK, Dhemaji
 P.O.: Silapathar
 Dist- Dhemaji, Assam
 PIN-787 059,

3. Name of District Hqrs and State. District: Dhemaji State: Assam

4. Sanction order No. and date: 9(1)/2005-AE-1/ dated 28-01-05

5. Date of Establishment: June, 2007

6. Name and address of the host Instt. (SAU based/ICAR instt. Based/NGO based/Independently Located)

Assam Agricultural University
 P.O.-Assam Agricultural University
 District-Jorhat, Assam
 PIN-785 013
 Phone No.0376-2340001, 2340013
 Fax No. 0376-2340001, vc@aaau.ac.in

7. Mandate and functions of KVK

- Organizing vocational training programme in agriculture and allied enterprises.
- On-farm testing (on farmers field) in crop production, horticulture, live stock production, fisheries etc.
- Front line demonstration on cereal crops, oilseeds and pulses and other enterprise related to agriculture.
- In-service training of the field level extension officials

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

A. Total land with KVK (in ha): 27 ha

S.No.	Item	Area (ha)
1	Under Buildings	9.0
2.	Under Demonstration Units	1.5
3.	Under Crops	7.0
4.	Orchard/Agro-forestry	8.0
5.	Others (MAP, Som & Sugarcane)	1.5

B. Buildings:

Sl. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR				April, 2009	547	Post Plate level
2.	Farmers Hostel	ICAR				-do-	305	Plinth level
3.	Staff Quarters	ICAR				-do-		
	Prog. Coordinator						110	Post Plate level
	SMS (2)						75x 2	Post Plate level
	Prog. Asstt. (twin)						50 x 2	Roof level
	Grade IV						38	Post Plate level
4.	Demonstration Units (2)							
5	Fencing							
6	Rain Water harvesting system							
7	Threshing floor							
8	Farm godown							

C) Vehicles:

Type of vehicle	Year of purchase	Present status
Mahindra Max	2010	Good

D) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Computer and accessories	2008``	54,626.00	Good
Desktop Computer HP DX 2280- 1 No.			
Monitor CRT 17" HP - 1 no.			
Laser Printer HP LJ 1505N			
Scanner HP SG 2410			
Chair Model No. CH-7B – 4 nos.	2008	44,053.00	Good
Chair Model PCH 700 ID- 1 No.			Good
Reck – 1 NO.			Good
Storewel Model-2 1 No.			Good
Table Model T9--- 1 No.			Good
UPS Uniline 1 KVA 800 VAH	2008	10,620.00	Out of order
PlasticTable (2 nos.)- Model Neelkamal	2009	4000.00	Good
Plastic chair Neelkamal without arm-Model 4002--- 10 nos	2009		Good
Plastic chair Neelkamal with arm--- 10 nos	2009	2700.00	Good
Uniline 800 VA FB LI UPS (2 nos.)	2010	11,929.00	Good
Desktop computer Make and Model HP-DX-2000 series (2 nos.)		55,094.00	Good
LCD Monitor 15" HP (2 nos.)	2010	-	Good
Laser printer HP LJ P 1007 – 1 no.	2010	5,475.00	Good
Scanner HP G2410-1 no.	2010	2724.00	Good
Digital Camera- Sony (DSC-WX1)	2010	19,000.00	Good
Fax Machine Make Brother Model-2820	2010	15,190.00	Not installed
LCD Projector Make Sony	2010	98,331.00	Good
Photo copier along with 2 KVA Voltage Stabilizer	2010	1,01,920.00	Good
Full secretariat table- 6 nos.	2010		Good

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

Sl No	Designation	No. of sanctioned	Name of Persons	Pay Scale	Date of Joining	Date of Leaving
1	Programme Coordinator	1	Dr. Tarun Ch. Mahanta	37400-67000/-	14-06-07	30-3-2011
2	Subject Matter Specialist (SMS)	6				
	SMS, Horticulture		Dr. Manisha Kachari	15600-39100/-	07-11-08	
	SMS, Home Science		Mrs. Arifa Momtaz Begum	15600-39100/-	07-11-08	
	SMS, Nematology		Mr. Pranjal Pratim Neog	15600-39100/-	07-11-08	
	SMS, Agril. Econ.		Mrs. Trishnali Saikia	21600/-(fixed)	07-11-08	
	SMS, Soil Science		Mr. Manoj Kr Chauhan	15600-39100/-	10-11-08	
	SMS, Entomology		Mr. S A Ahmed	15600-39100/-	25-11-08	20-04-10
3	Programme Assistant	3				
	Programme Assistant (Animal Science)		Dr. Ashim Kumar Saikia	8000-35000	16-03-09	
	Computer Programmer*		Mr. Pranabesh Barman	8000-35000	14-11-08	
	Farm Manager		Mr. Satya Nath Deka	8000-35000	12-01-09	
4	Accountant / Superintendent		Md.Azad Abdus Salam	8000-35000	31-10-08	
5	Stenographer		Vacant			
6	Driver cum mechanic	2	Mr. Raju Konch	5000/-(fixed)	24-08-10	
			Durgadhar Deuri	5000/-(fixed)	24-08-10	
7	Supporting staff	2	Mr. Samel Barla	4560-15000/-	19-12-07	
			Vacant			

10. Allocation under various Head (Rs. In lakh)

Budget Head	Preceding Plan	I Year 2005-06	II Year 2006-07	III Year 2007-08	IV Year 2008-09	V Year 2009-10
A. Rec. Contg.						
Pay and allowances				7.00	17.00	30.00
Travelling allowances				0.50	1.00	1.00
Contingencies				2.50	5.00	6.00
Total (A)					23.00	37.00
B. B. Non rec. contg.						
Works				35.00	0.00	35.51

Equipments/Farm implements/Furnitures				0.00	0.00	4.20
Vehicles				0.00	0.00	6.00
Library				0.00	0.00	0.00
Total (B)				35.00	0.00	45.71
C. Revolving fund.				0.00	0.00	0.00
Grant total (A+B+C)				46.50	23.00	82.71

11. Major activities undertaken:

1. Training for farmers/farm women in various aspects
2. Training for rural youths for income generating activities
3. Training for extension functionaries
4. On farm trials on various technologies related to crops, livestock
5. Disseminating new approved technologies through front line demonstrations
6. Organizing awareness camps on animal health, climate change, AI, child care etc.
7. Organizing important days like republic day, independence day, children's day, breast feeding day, nutrition week etc.
8. Advisory services
9. HRD development activities
10. As resource persons in various training programmes organized by allied departments.
11. Radio programmes

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

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

STRENGTH

- a. It has got manpower of various disciplines.
- b. It has got vehicle for conducting various field activities.
- c. Good linkage with line departments.
- d. Good relation with Regional Agricultural Research Station in the adjacent district of North Lakhimpur.
- e. Existence of college of veterinary sciences in the adjacent district North Lakhimpur.
- f. Suitable soil and climatic condition for growing crops and livestock farming in the district.
- g. Wide biodiversity of crops.

WEAKNESS

- a. The Office is running in rented house.
- b. No office campus.
- c. No e connectivity
- d. Lack of generator in the office.
- e. Non availability of fishery personnel in KVK.

- f. Non adoption of modern technology and high yielding variety due to lack of knowledge of the farmers.
- g. Lack of proper agricultural infrastructures including irrigation in the district.
- h. Improper use of fertilizers and chemicals by the farmers.
- i. Lack of improved medical facility in the district.
- j. Lack of godowns as well as cold storage facility for the agriculture products in the district.
- k. Low accessibility of financial institutions.
- l. Very poor road ways within the district as well as in interior rural areas.
- m. Poor economic condition of the farmers.
- n. Non availability of good quality and appropriate plant protection chemicals in the district.
- o. Non availability of various vaccines for livestock diseases.

OPPOURTUNITY

- a. Very virgin place for employing various technology.
- b. Scope for technology dissemination as farmers are quite unaware of new technology
- c. Scope for research on sand/ silt deposited areas with respect to crops to be grown.
- d. Good market demand of the agriculture products within the district and nearby states.
- e. Scope of export marketing
- f. Scope for disseminating technologies for entrepreneurship development like mushroom, vermi-compost, piggery, broiler farming etc.
- g. Scope for establishment of progeny nursery and processing industries.
- h. Scope fop organic farming

THREAT

- a. Flood affected area.
- b. Sand/ silt depositing areas are increasing.
- c. Very difficult to grow crops in moisture stress condition in sand/silt deposited areas.
- d. Problem of timely implementation of programme due to flood and sometimes du to draught like situation.
- e. Poor economic condition of the farmers to adopt new technology.
- f. Menace of stray animals for growing offseason crops.

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

Year: 2008-09

Sl. No.	Name of Scientist	Name of Training	Organized by	Place/Venue	Date/Period
1.	Dr. Tarun Chandra Mahanta, PC	Action Plan, annual Report and Technologies for FLDs	Zonal Coordinating Unit (ZCU), Zone III, Unium, Meghalaya	Directorate of Extension Education, AAU, Jorhat	30 th June-1 st July, 2008
2.	Dr. Tarun Chandra Mahanta, PC	Seed and planting Materials Production	Zonal Coordinating Unit (ZCU), Zone III, Unium, Meghalaya	Directorate of Extension Education, AAU, Jorhat	30 th July-1 st Sept, 2008

3.	Dr. Tarun Chandra Mahanta, PC	Zonal workshop of KVKs of NE Region	Zonal Coordinating Unit (ZCU), Zone III, Unium, Meghalaya	Directorate of Extension Education, AAU, Jorhat	15-17 th September, 2008
4.	Dr. Tarun Chandra Mahanta, PC	Third National Conference on KVKs (Empowerment of Farmers)	ICAR, New Delhi	GB Pant University of Agriculture and Technology	27-29 December, 2008
5.	Mr. Manoj Kumar Chauhan, SMS	Workshop on kharif and Rabi Package of Practices	AAU, Jorhat & Department of Agriculture	AAU, Jorhat	21-22 January, 2009
6.	Mr. Manoj Kumar Chauhan, SMS	Sixth Regional Consultation on Community radio Awareness programme	KKHSOU, Guwahati	KKHSOU, Guwahati	28-29 January, 2009
7.	Dr. Manisha Kachari, SMS	Banana Fibre Extraction and Rural Crafts	ICAR, New Delhi	KVK-CTRI, Rajamundry, Andhra Pradesh	31 st January-6 th February, 2009
8.	Mr. Pranjal Pratim Neog, SMS	Training Methods and Management of Training Programme	EEl, Jorhat	EEl, AAU, Jorhat	10-17 th February, 2009
9.	Mr. Satya Nath Deka, Farm Manager	Crop Diversification and Recent Advances in Water Management for Command Area	EEl, Jorhat	EEl, AAU, Jorhat	6-19 March, 2009
10.	Mr. Manoj Kr. Chauhan, SMS	Crop Diversification and Recent Advances in Water Management for Command Area	EEl, Jorhat	EEl, AAU, Jorhat	6-19 March, 2009
11.	Dr. Manisha Kachari, SMS	National Conference on Floriculture on Livelihood and Profitability	Division of Floriculture and landscaping IARI, New Delhi	IARI, New Delhi	16-19 March, 2009
12.	Ms. Arifa Momtaz Begum, SMS	Reorienting Home Science Scientists in KVKs	ICAR, New Delhi	SVVPUAT, Meerut	19-20 March, 2009
13.	Ms. Trishnalee Saikia, SMS	Monitoring and Evaluation of Agricultural Extension	EEl, Jorhat	EEl, AAU, Jorhat	23-28 March, 2009

Year: 2009-10

Sl. No.	Name of Scientist	Name of Training	Organized by	Place/Venue	Date/Period
1.	Mr S A Ahmed	Designing and management of training	EEl, AAU, Jorhat	EEl, Jorhat	18-23 May, 2009
2.	Ms. Trishnalee Saikia	Designing and management of training	EEl, AAU, Jorhat	EEl, Jorhat	18-23 May, 2009
3.	Dr. Tarun Chandra Mahanta, PC	Protection of plant varieties and farmers' right	IPR Cell, AAU, Jorhat, BNCA	BNCA, Biswanath Chariali	2 nd June, 2009
4.	Pranjal Pratim Neog	Protection of plant varieties and farmers' right	IPR Cell, AAU, Jorhat, BNCA	BNCA, Biswanath Chariali	2 nd June, 2009
5.	Dr. Manisha Kachari	Protection of plant varieties and farmers' right	IPR Cell, AAU, Jorhat, BNCA	BNCA, Biswanath Chariali	2 nd June, 2009
6.	Mr S A Ahmed	Protection of plant varieties and farmers' right	IPR Cell, AAU, Jorhat, BNCA	BNCA, Biswanath Chariali	2 nd June, 2009
7	S N Deka	Protection of plant varieties and farmers' right	IPR Cell, AAU, Jorhat, BNCA	BNCA, Biswanath Chariali	2 nd June, 2009
8	Ms. Trishnalee saikia	Agri-Business management and rural marketing	Nagaland University	SASRD, Nagaland University	20 Aug-26 Sept, 2009
9	M K Chauhan	Annual Zonal Workshop of KVKs, Zone III	ZPD, Zone III, Borapani and AAU, Jorhat	AAU, Jorhat	5-7 Sept, 2009
10	P P Neog	Annual Zonal Workshop of KVKs, Zone III	ZPD, Zone III, Borapani and AAU, Jorhat	AAU, Jorhat	5-7 Sept, 2009
11	M K Chauhan	Massive campaign on capacity building in the area of climate change and agriculture	EEl, Jorhat	EEl, Jorhat	15-16 Sept, 2009
12	Dr. Manishha Kachari	Scaling up of water productivity in agriculture for livelihood	IARI, New Delhi	IARI, New Delhi	18 Sept-1 Oct, 2009
13	P P Neog	Precision farming in marked led extension	EEl, Jorhat	EEl, Jorhat	19-24 Oct., 2009
14	Dr. A K Saikia	Team work development and managerial skill	EEl, Jorhat	EEl, Jorhat	23-28 Nov, 2009
15	Dr. A K Saikia	Meat processing and meat hygiene	EEl, Jorhat	DEE, AAU, Khanapara	8-13 Feb., 2010

16	Dr. A K Saikia	Integrated piggery and fish farming	EEl, Jorhat	EEl, Jorhat	15-19 Feb, 2010
17	S N Deka	Climate based agricultural advisory service and agriculture development	BNCA, Biwhanath Chariali	BNCA, Biswanath Chariali	20 th Feb, 2010
18	M K Chauhan	Climate based agricultural advisory service and agriculture development	BNCA, Biwhanath Chariali	BNCA, Biswanath Chariali	20 th Feb, 2010
19	Ms. Trishnalee saikia	Future commodity market	EEl, Jorhat	EEl, Jorhat	23-25 Feb., 2010
20	M K Chauhan	Assessment of soil quality of assam	Deptt. of soil Science, AAU, Jorhat	Deptt. of soil Science, AAU, Jorhat	8 th March, 2010
21	Dr. Manishha Kachari	Advances in production and post production technology in horticultural crops	Deptt. of Horticulture, ICAR Res. Complex for NEH Region, Umiam	ICAR Res. Complex for NEH Region, Umiam	9-18 th March, 2010
22	Arifa Momtaz Begum	Interface between AICRP-Home Science and KVKs	AICRP-Home Science	College of Home Science, AAU, Jorhat	15-16 March, 2010
23	P P Neog	Protection of plant varieties and farmers' right	IPR Cell, AAU, Jorhat, and RARS & KVK, North Lakhimpur	RARS, North Lakhimpur	20 th March, 2010

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 -Finance, inputs, technologies, advice, guidance etc.

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

Title of the paper/ article	Name of scientist(s)	Name of journal/Newspaper
2008-09		
Research paper		
Biological control of citrus nematode, <i>Tylenchulus semipenetrans</i> on <i>Citrus jambhiri</i>	N. B. Walode, A.K.Sinha and P.P.Neog	<i>Indian J. Nematol.</i> 38(2): 244-245.
Management of <i>Meloidogyne incognita</i> on greengram using vesicular arbuscular	P.P.Neog and M.Islam	<i>CropRes.</i> 36(1,2 &3): 313-315.

mycorrhizal fungus, <i>Glomus fasciculatum</i> , organic amendments and carbofuran		
Management of root-knot nematode, <i>Meloidogyne incognita</i> on greengram by endomycorrhiza, <i>Glomus fasciculatum</i> and different neem based pesticides	P.P.Neog and M.Islam	<i>J. Nat and Environ.</i> 1: 12-15.
Effect of soil types on efficacy of <i>Glomus fasciculatum</i> in management of <i>Meloidogyne incognita</i> on greengram.	A.Borah, P.P.Neog and A.K.Sinha	<i>Ann.Pl.Protec.Sci.</i> 17(1): 206-208.
Effect of different inocula of <i>Pasteuria penetrans</i> on build up and persistence in <i>Meloidogyne incognita</i>	M. Das, B.B. Gogoi and P.P.Neog	<i>Ann.Pl.Protec.Sci.</i> 17(1): 212-214
Popular articles		
Method of sample collection for detection of plant parasitic nematodes(In Assamese)	Pranjal Pratim Neog	<i>Asomiya khabar</i> 18 th Nov, 2008
Plant protection in rice cultivation (In Assamese).	Pranjal Pratim Neog	<i>Asomiya khabar</i> 23 rd Dec, 2008
2009-10		
Research paper		
Effect of biofertilizer on growth and yield of cauliflower cv.PSBK-1	Manisha Kachari and B.N.Kola	<i>Indian J.Horticulture.</i> 66(4): 496-501.
Popular articles		
Role of cooperative in Indian Economy	Harindra Gogoi and Trishnalee Saikia	<i>Ajir Dainik Batori</i> 23 rd November, 2009
Women education and women empowerment	Harindra Gogoi and Trishnalee Saikia	<i>Ajir Dainik Batori</i> 11 th March, 2010
Nematode disease management in rabi vegetables	Pranjal Pratim Neog	<i>Ghare Pathare</i> Sept.,2009 29(9)
Swine flue and new H1N1 swine flue	Ashim Kr. Saikia	<i>Ghare Pathare</i> Sept, 2009, 29(9)
Importance of fruits and vegetables in human health	Arifa Momtaz Begum	<i>Ghare Pathare</i> December,2009, 29(12)
SHG and ranking	Trishnalee Saikia and Gogoi	<i>Ghare Pathare</i> Feb,2010, 30(2)
Management of dairy cows and calf in dairy farm	Ashim Kr. Saikia	<i>Ghare Pathare</i> March,2010, 30(3)
Improved cultivation practices of pointed gourd	Manisha Kachari	<i>Ghare Pathare</i> March,2010, 30(3)
Bulletin		
Autumn rice cultivation	Dr. T. C. Mahanta	100 nos. of copies have been circulated among the trainees since 2009-10
Deep water rice cultivation in flood affected	Dr. T. C. Mahanta	50 nos. of copies have been

fields		circulated among the trainees since 2009-10
Rice mat nursery	Dr. T. C. Mahanta Mrs. Arifa Momtaz Begum Mr. Siddique Ali Ahmed	66 nos. of copies have been circulated among the trainees since 2009-10
Improved cultivation of tomato, potato, chilli, ridgegourd and okra	Dr. T. C. Mahanta Mr. Siddique Ali Ahmed Mr. Pranjal Pratim Neog Mr. Satya Nath Dekka	75 nos. of copies have been circulated among the trainees since 2009-10

The farmers were quite benefited from the popular articles published in various magazine, NEWS papers and also from the bulletin published from KVK in various subjects. The farmers demanded more numbers of articles in different aspects also. The KVK is arranging in future to publish more leaflets, bulletins etc. keeping the need of the farmers.

Status of Research – Extension Linkages at the District Level

- What kind of mechanism exists for local co-ordination of the front-line extension demonstration between the KVKs and the State Govt.
 1. Survey for site selection
 2. Beneficiary selection
 3. Input distribution
 4. Programme execution and implementation and evaluation
 5. Organizing crop harvest days (field days)

- What is the frequency of Local Management Committee/Scientists/Advisory Committee Meeting for KVK/TTC during the last 5 years.
 - 1 No. in 8th July, 2009

- No. of monthly workshops organized. Nil.

- Frequency and no. of staff participated in seminars at Zonal, State and national levels.

- Whether the local NGOs are involved in KVKs/TTCs Programmes
 - Yes. The local NGOs are involved in training, FLD and OFT programmes, Organizing field days, as resource persons etc

- Whether the local Mahila Mandal or Farm Science Clubs are promoted and have become visible in their activities.
 - Yes. One Mahila Mandal named “Prastuti” has been promoted and are performing well in respect of making various types of local *pithas*, pickles, traditional breakfast items etc and are earning a good amount of money from their produce.

- A brief about the extent of contribution of the officials of various line-departments and joint programmes undertaken.
 1. Survey for site selection
 2. As resource persons in various programmes
 3. Beneficiary selection
 4. Organizing animal health camps and AI
 5. Input distribution
 6. Programme execution and implementation and evaluation
 7. Organizing crop harvest days (field days)
 8. Preparation of various types of reports related to State and Central Govt activities

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?	Yes
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?	Yes
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?	Yes
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?	Yes
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?	Yes
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?	Personal contact/ phone in discussion

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	$\frac{I}{CP}$	$\frac{II}{CP}$	$\frac{III}{CP}$	$\frac{IV}{CP}$	$\frac{V}{CP}$	$\frac{Total}{CP}$
1	Plant protection				2/40	1/20	3/60
2	Soil Science					1/17	1/17
Total					2/40	2/37	4/77

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

Sl. No.	Discipline	$\frac{I}{CP}$	$\frac{II}{CP}$	$\frac{III}{CP}$	$\frac{IV}{CP}$	$\frac{V}{CP}$	$\frac{Total}{CP}$
1.	Crop production (Agronomy)			4/103	18/516	4/114	26/773
2.	Horticulture				6/158	10/252	16/410
3.	Home Science				6/172	11/254	17/426
4.	Livestock				1/24	5/179	6/203
5.	Soil Science				1/28	8/206	9/234
6.	Plant Protection					17/492	17/492
7.	Agril. Economics					11/276	11/276
8.	Apiary					1/20	1/20
Total				4/103	32/898	67/1211	103/2834

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

Training programme conducted for Rural Youths (last 5 years 2005-06 to 2009-10)

Sl. No.	Discipline	$\frac{I}{CP}$	$\frac{II}{CP}$	$\frac{III}{CP}$	$\frac{IV}{CP}$	$\frac{V}{CP}$	$\frac{Total}{CP}$
1.	Livestock				2/49	3/81	5/130
2.	IFS				2/64		2/64
3.	Sericulture					1/27	1/27
4.	Fishery				2/57		2/57
5.	Soil Science					1/26	1/26
6.	Mushroom					2/50	2/50
7.	Agril. Economics					3/73	3/73
Total					6/7140	10/257	16/397

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

Condition: Rainfed

Year: 2007-08

Sl. No.	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)
1	Rice	Joymati	15	3	60	C=12300.00 R=35000.00	C=13670.00 R=42000.00	C=1730.00 R=7000.00		7000.00
2	Rice	Lachit	5	2	35	C=12300.00 R=17500.00	C=12700.00 R=24500.00	C=400.00 R=7000.00		7000.00
3	Rice	Panindra	22	3	27	C=4958.00 R=8968.00	C=7066.00 R=12750.00	C=2108.00 R=3782.00		3872.00

Year: 2009-10

Sl. No.	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)
1	Pea	Arkal	19	2.0	12.5	C=12425.00 R=28000.00	C=14375.00 R=50000.00	C=1950.00 R=22000.00		22000.00
2	Toria	TS36	14	3.0	10.8	C=14850.00 R=26250.00	C=18500.00 R=43200.00	C=3650.00 R=16950.00		16950.00

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

Condition: Rainfed

Year: 2008-09

Sl. No.	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)
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1	Rice	Luit	5	3	33.0	C=10433.00 R=15400.00	C=12541.00 R=23100.00	C=2108.00 R=7700.00		7700.00
2	Summer Greengramm	SG1	4	1	6.2	*	C=9322.00 R=18600.00			9278.00
3	Summer Brackgramm	Pant U 19	16	4	6.5	*	C=9332.00 R=22750.00			13428.00
	Summer oilseeds (Sesamum)	AST-1	22	5.0	4.8	*	C=9240.00 R=19200.00			9960.00

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.

*No local check

Year: 2009-10

Sl. No.	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)
1	Rice	Ranjit	3	0.6	45	C=11125.00 R=15000.00	C=15824.00 R=40500.00	C=4699.00 R=		
2	Greengram	Pratap	3	0.6	8.5	C=9600.00 R=23800.00	C=15031.00 R=42500.00	C=5431.00 R=18700.00		18700.00

Front-line demonstrations in livestock: 2009-10

Title: Urea treatment of Paddy straw

Technology	Breed	No. of farmers	Location	Av. Yield (litre/cow)		% increase over local check	remarks
				Demon	Local check		
Urea treatment of Paddy straw	Local	3	3	1.63	1.41	13.5	
	Cross breed	2		5.27	5.0	5.12	

Front-line demonstrations on Mat Nursery: 2009-10

Technology	Crop	Variety	No. of farmers	Area (ha)	Remarks
Mat nursery in rice	Rice	Joymati	3	0.018	Drudgery reduction and reduce the cost in terms of input, time and labour.

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						
2	Animal health-care provided					15	15
3	Poultry introduced						
4	Piggery/rabbitary introduced						
5	Planting material produced and distributed						
6	Fodder and grass introduced (ha)					0.06	0.06
7	Tress introduced (No.)						
8	Wasteland developed plan prepared						
9	Wasteland development						
10	Consultancy on soil analysis and topographic survey						
11	Consultancy on land-use planning and cropping patterns						
12	Improved hand tools and implements introduced					3	3
13	Fishery demonstrations						
14	Any other						

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	(%)		
2	Change in productivity of	(kg/ha)		
	(a) Cereal crops		1500	2200
	(b) Pulses		500	800
	(c) Oilseeds		450	750
	(d) Overall			
3	Use of HYV (high-yielding varieties)	(%)	-	10
4	Uses of fertilizers (NPK) (nutrient)	(kg/ha)	Negligible	20
5	Use of FYM and other biofertilizers	(kg/ha)	300	500
6	Tractor/machinery	(No.)	-	2
7	Change in economic indicators (in	(No.)		

Annexure X

Status of Research – Extension Linkages at the District Level

- What kind of mechanism exists for local co-ordination of the front-line extension demonstration between the KVKs and the State Govt.
 1. Survey for site selection
 2. Beneficiary selection
 3. Input distribution
 4. Programme execution and implementation and evaluation
 5. Organizing crop harvest days (field days)
- What is the frequency of Local Management Committee/Scientists/Advisory Committee Meeting for KVK/TTC during the last 5 years.
 - 1 No. in 8th July, 2009
- No. of monthly workshops organized. Nil.
- Frequency and no. of staff participated in seminars at Zonal, State and national levels.
 - 1 No. National seminar on Emerging issues of human development in NE India at Dibrugarh University on 12th March, 2010.
- Whether the local NGOs are involved in KVKs/TTCs Programmes
 - Yes. The local NGOs are involved in training, FLD and OFT programmes, Organizing field days, as resource persons etc
- Whether the local Mahila Mandal or Farm Science Clubs are promoted and have become visible in their activities.
 - Yes. One Mahila Mandal named “Prastuti” has been promoted and are performing well in respect of making various types of local *pithas*, pickles, traditional breakfast items etc and are earning a good amount of money from their produce.
- A brief about the extent of contribution of the officials of various line-departments and joint programmes undertaken.
 1. Survey for site selection
 2. As resource persons in various programmes
 3. Beneficiary selection
 4. Organizing animal health camps and AI
 5. Input distribution
 6. Programme execution and implementation and evaluation

7. Organizing crop harvest days (field days)
8. Preparation of various types of reports related to State and Central Govt activities

Annexure XI

Impact of KVK on Farming Population

(Questions given below may be administered to selected five farmers from the adopted villages and another five from non-adopted villages and appended with the report)

1. Name and address of farmers :

Adopted village- Loglung, Block- Simen Chapori, Dist- Dhemaji in the year 2010

- a. Sukulal Mili
 - b. Budheswar Mili
 - c. Sanjay Doley
 - d. Bharat Basar
 - e. Upen Doley
2. Enterprises being practiced -NA
 3. Enlist improved technologies being adopted under different enterprises at Sl. No. 2 above-NA
 4. When were these improved technologies received by you, and from where? NA
 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	Integrated pest and disease management in winter rice	5	a. Has got good return b. Has got good control against diseases and pest in agriculture crops. c. Make us aware about some improved and high yielding variety of oilseeds, pulses and vegetable crops.
2	Integrated pest and disease management in winter rice	5	
3	Livestock feed and fodder production	3	
4	Management of root knot nematode in direct seeded <i>Ahu</i> rice	-	
5	Varietal performance of kharif oilseed(sesamum) variety: ST 1683	-	
6	Varietal performance of kharif pulses (Greengram) variety: Prtap	-	
7	Varietal performance of rabi pulses (pea) variety: Arkel	10	
	Varietal performance of rabi oilseeds (variety): TS 36	25	

6. What should be the approach of KVK for training and better adoption of technologies in light of your experience at Sl.No.5.
 - a. KVK should come up with more farmers friendly technologies with demonstration.
 - b. Beneficiary selection is important before conducting training.
 - c. KVK should train the farmers in some income generating activities
 - d. The training should be more practical based.
7. Do you know the activities of KVK? - Partially
8. If yes, what are those activities? Trainings and free inputs.
9. Do you think that roles/activities of KVK need some change? It is too early to say so.
10. If yes, what are your suggestions?

KVK is quite new for us. We can not say about the changes in their role right now. They are doing well so far. But, we feel if we may be taken for exposure visits to other locations where agriculture is more developed, it will certainly benefit us. We need more training and demonstrations.

11. Any other comments on the KVK- Farmers friendly

We have found KVK staff are quite friendly in nature and sound in their knowledge and activities. They are delivering their knowledge and skill directly in the farmers field in time which is very rare in other departments. Scientists are directly coming to the farmers villages, field is good for farming community.

Non-adopted villages

Farmers name and address of non adopted village

- a. Rajkumar Medok, Vill- Purana Jalem, Block-Jonai, Dist-Dhemaji
- b. Chandra Bhandari, Vill- Bukajan, Block- Sissiborgaon, Dist-Dhemaji
- c. Jayanta Snowal, Vill- Boebela Bhebeli gaon, Block-Bordoloni, Dist- Dhemaji
- d. Budheswar Pame, Vill- Shantipur, Block- Sissiborgaon, Dist- Dhemaji
- e. Narayan Dhimal, Vill- Shyamjuli, Block- Sissiborgaon, Dist- Dhemaji

1. Enterprises being practiced -NA
2. Enlist improved technologies being adopted under different enterprises at Sl. No. 2 above-NA

3. When were these improved technologies received by you, and from where? NA
4. 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	Varietal performance of Rabi pulse (Pea) variety: <i>Arkel</i>	10	The farmers found oilseed and pulse crop cultivation more profitable with the new technology and interested to grow in future since the seeds are coming from reliable source.
2	Varietal performance of Rabi oilseed (Toria), variety: TS-36	15	
3	Management of root knot nematode in vegetable based cropping system by crop rotation	-	
4	Integrated nutrient management in Sali paddy	-	
6	Zero energy cool chamber	-	
7	Management of root knot nematode infecting cucurbits through use of organic amendments	-	
8	Management of root knot nematode infecting greengram through intercropping of non host	-	
9	Integrated nutrient management in Mustard	-	
11	Enhancement of bunch size of banana by denavelling	-	

5. What should be the approach of KVK for training and better adoption of technologies in light of your experience at Sl.No.5.

Krishi Vigyan Kendra should come up with more practical oriented and need based training programmes.

6. Do you know the activities of KVK? partially
7. If yes, what are those activities?

Krishi Vigyan Kendra is very new for us but still we found the scientist are showing their good cooperation and giving us their innovative ideas and technologies through trainings, exposure visits, FLD and OFT programmes.

8. Do you think that roles/activities of KVK need some change? Yes
9. If yes, what are your suggestions?

Training should be given to us according to the crop growing season so that we can implement the technology and follow their recommended practices.

10. Any other comments on the KVK- ?

Krishi Vigyan Kendra is farmers friendly and definitely will bring bright future to improve the livelihood of the farming community.

Programme Coordinator
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