

ANNUAL REPORT

2008-2009



**KRISHI VIGYAN KENDRA (BONGAIGAON)
ASSAM AGRICULTURAL UNIVERSITY
KAJALGAON, CHIRANG, ASSAM**

ANNUAL REPORT

2008-2009

Name of the KVK : KRISHI VIGYAN KENDRA, BONGAIGAON

Year of Establishment : 2004

Total area under Building, Road, etc. : 12.0 Ha

Total area under Farm : 7.12 Ha

Office Telephone No. : 03664-234775

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1. STAFF DETAILS (INCLUDING OFFICE STAFF)

Sl. No.	Name in Full	Designation	Discipline	Year of joining in KVK system	Mobile No.	e-mail
1.	Dr. S. K. Paul	Programme Co-ordinator	Plant Breeding	23.09.04	9435120552	skpaulbgn@gmail.com
2.	Dr. C. K. Sarma	Subject Matter Specialist	Agronomy	29.12.05	9854181514	drcksarma@gmail.com
3.	-	Subject Matter Specialist	-	-	-	-
4.	Ms. Purnima Das	Subject Matter Specialist	Plant Protection	10.11.08	-	-
5.	Dr. Pallabi Devi	Subject Matter Specialist	Animal science	15.11.08	9864028590	jurisharma@rediffmail.com
6..	Dr. H. K. Baruah,	Subject Matter Specialist	Agril. Economics	07.11.08	9864069182	hiranya100@sify.com
8.	Sri Kandarpa Kr. Das	Programme Assistant	Agril. Statistics	02.03.09	-	-
9.	Miss Chayanika Nath	Programme Assistant	Computer Application	12.11.08	9864453382	nath.chayanika2@gmail.com
10.	Miss Ranjita Brahma	Farm Manager	Agronomy	12.01.09	9954046870	ranjita3@gmail.com
11.	Mr. D. D. Mahanta	Accountant	-	14.08.06	-	-
12.	Mr. Madhusudhan Ghosh	Typist	-	22.02.06	-	-
13.	Mr. Pulen Ch. Roy	Supporting Staff	-	21.02.06	-	-
14	Mr. Levi Murmu	Supporting Staff	-	20.02.06	-	-

15	-	Driver	-	-	-	-
16	-	Driver	-	-	-	-

2. TOTAL NO. OF TRAINING CONDUCTED UNDER VARIOUS DISCIPLINE

Sl. No.	Particulars	Proposed target (as per Action Plan)	Target achieved	Details of participants				Total	Remarks
				SC/ST		Others			
				M	F	M	F		
A.	Practicing Farmers								
	Agriculture								
	Horticulture								
	Animal Husbandry								
	Fishery								
	Home Science								
	Sericulture								
	Plant Pathology								
	Entomology								
	Apiary								
	Soil Science								
	Agril. Engg.								
	Plant Breeding								
	Others								
B.	Rural Youth								
	Agriculture								
	Horticulture								
	Animal Husbandry								
	Fishery								
	Home Science								
	Sericulture								
	Plant Pathology								
	Entomology								
	Apiary								
	Soil Science								
	Agril. Engg.								
	Plant Breeding								
	Others								

C	Extension Functionary								
	Agriculture								
	Horticulture								
	Animal Husbandry								
	Fishery								
	Home Science								
	Sericulture								
	Plant Pathology								
	Entomology								
	Apiary								
	Soil Science								
	Agril. Engg.								
	Plant Breeding								
	Others								
D.	Any other								
	Agriculture								
	Horticulture								
	Animal Husbandry								
	Fishery								
	Home Science								
	Sericulture								
	Plant Pathology								
	Entomology								
	Apiary								
	Soil Science								
	Agril. Engg.								
	Plant Breeding								
	Others								

3. TRAINING DETAILS (SUBJECT-WISE)

Sl. No.	Subject	Target group	No. of training conducted/ Duration	Title of the training	Date of training	Off campus*/ On campus	No. of farmers attended					
							Male			Female		
							SC	ST	Others	SC	ST	Others
1.	Crop production	PF	2	Multiple cropping system	May 12-13, 08	Off (Bhetagaon)	0	1	25	0	0	0
2.	Crop production	PF	2	Preparation of various organic manure and their application in crops	May 27-28, 08	Off (Bijni)	6	5	17	0	0	0
3.	Horticulture	RY	2	Raising and Management of Citrus Garden with special reference to Orange and Lemon	May 29-30, 08	Off (Bongaljhara)	0	0	27	0	0	0
4.	Crop production	PF	3	Modern technique of raising Sali rice	June 11-13, 08	Off (Abhayapuri)	0	2	25	0	0	0
5.	Horticulture	RY	2	Improve Production Technology of Banana	July 18-19, 08	Off (Dekolimari)	2	0	24	0	0	0
6.	Crop production	PF	3	Modern technique of raising Sali rice	July 23-25, 08	Off (Meshkajhar)	0	0	25	0	0	0
7.	Plant protection	EF	1	Use of Bio-agents in insect pest and disease management	Aug 1, 08	Off (DAO, Bongaigaon)	6	2	17	0	0	0
8.	Crop production	RY	3	Contingency Crop planning for flood effected areas	Aug 25-27, 08	Off (Bliashpur)	0	0	19	0	0	11
9.	Horticulture	RY	2	Preservation of locally available Fruits and Vegetables	Aug 27-28, 08	Off (Abhayapuri)	0	0	0	6	0	27
10.	Horticulture	EF	2	Organic farming and use of bio-fertilizer in Horticultural crops	Aug 30-31, 08	Off (
11.	Plant protection	EF	2	Insect pest and disease Management in major Fruit crops	Sept 1-2, 08	Off						
12.	Crop production	RY	1	Cultivation Technique of Bamboo	Sept 02, 08	Off (
13.	Plant protection	PF	2	Integrated pest management in major Rabi vegetable crops	Sept 3-4, 08	Off						
14.	Horticulture	PF	2	Scientific Production Technology of Winter vegetables	Sept 4-5, 08	Off						
15.	Crop production	EF	2	Contingency Crop planning for flood effected areas	Sept 5- 6, 08	Off						
16.	Horticulture	PF	2	Production Technology of Potato with special reference to TPS	Sept 06-07, 08	Off						

17.	Crop production	PF	2	Production Technology of major Rabi field crops	Sept 8-9,08	Off						
18.	Plant protection	EF	1	Use of Bio agent to control pest and diseases	Oct 13,08	Off (DAO Bongaigaon)	0	0	26	0	0	0
19.	Horticulture	RY	3	Preservation of locally available fruit and vegetables	Oct 22-24, 08	Off (Daukuapara)	0	0	2	0	0	23
20.	Seri culture	RY	1	Rearing of Eri and Muga	Oct 25, 08	Off (Subaijar)	0	8	0	0	17	0
21.	Crop production	PF	2	Contingency crop planning for flood effected areas.	Oct 17-18, 08	Off (Bhatagaon)	0	5	20	0	0	0
22.	Entomology	RY	2	Honey Bee rearing	Dec 11-12, 08	Off (Tukrajhar)	0	22	2	0	2	0
23.	Crop production	PF	1	Seed production technique in boro rice	Jan 20 ,09	Off (Jyogighopa)	0	3	22	0	0	0
24.	Crop production	PF	2	Integrated crop management practices in Rabi field crops	Jan 21-22, 09	Off (Enkorbari)	0	0	28	0.	0	0
25.	Agricultural Economics	PF	2	Self Help group formation & management	Jan 23-24, 09	Off (Amguri)	0	13	0	0	11	1
26.	Plant protection	PF	2	Integrated pest and disease management of Rabi field crops	Jan 27-28, 09	Off (Aallengmari)	0	3	25	0	0	0
27.	Animal Science	RY	2	Scientific rearing and management of pig	Jan 29-30, 09	Off (Allengmari)	0	6	5	0	14	3
28.	Crop production	PF	2	Water Management practices in rabi field crops	Feb,12-13,2009	Off (Bamuntila)	0	0	22	0	0	4
29.	Animal Science	RY	2	Scientific Technology for goat production	Feb 17-18, 09	Off (Koila Moila)		2	1	0	26	0
30.	Crop production	EF	2	Productivity enhancement in rabi field crops	Feb 26-27,09	Off			26			-
31.	Crop production	PF	1	Integrated Weed Management Practices in Ahu rice	March 10,2009	Off (Dakuapara)	0	0	26	0	0	0
32.	Plant protection	PF	2	IPM in rice crop	March 11-12,09	Off (Baitamari)	0	0	32	0	0	0
33.	Agril. Economics	RY	2	Leadership development in village	March 13-14,09	Off (Tukrajhar)	0	17	-	0	9	1
34.	Agril. Economics	PF	2	Information networking among farmers	March 15-16,2009	Off (Basugaon)	0	0	0	5	0	23
35.	Animal Sc.	RY	2	Scientific pig rearing for self employment	March 17-	Off	0	0	0	0	25	2

					18,2009	(Kashikotra)						
36.	Crop production	PF	1	Crop Diversification and nutritional security	March 19,2009	Off (Dakuapara)	0	0	25	0	0	0
37.	Plant protection	PF	2	Pest and disease complex in ahu rice	March 20-21,2009	Off (Ciponsila)	0	0	22	0	0	3
38.	Aril. Economics	PF	2	Entrepreneurial devt. Of farm youth	March 22-23,2009	Off (Koila Moila)	0	24	1	0	0	0
39.	Horticulture	PF	2	Vegetative propagation of major fruit crops	March 24-25,2009	Off (Salbari)	0	0	24	0	0	1
40.	Horticulture	PF	2	Nursery raising of vegetable crops	March 26-27,2009	Off (Baitamari)	0	0	24	0	0	4
41.	Animal Sc.	RY	2	Scientific rearing & Management practices of poultry	March 28-29,2009	Off (Khagarpur)		4	17		1	4
42.	Plant Protection	PF	2	IPDM in kharif field crops	March 30-31,2009	Off (Ulubari)	0	13	15	0	0	0
43.	Crop production	EF	2	Productivity enhancement in rabi field crops	March 26-27, 2009	OFF (Abhayapuri)	3	2	26	0	0	0

* : Indicate name of the place, if Off-campus

4. SPONSORED TRAINING PROGRAMME:

Sl. No.	Subject with title	Date of training	Category of participants						Sponsoring organization
			Male			Female			
			SC	ST	Others	SC	ST	Others	
1.	Seed production technique of Sali rice	June, 2008	-	15	2	-	-	-	D.A.O., Bongaigaon
2.	Improved production technology of Potato	June, 2008	-	5	20	-	-	-	D.A.O., Bongaigaon
3.	Training for farmers' group on marketing under RKVY,08-09	26-28 March'2009	-	-	57	-	-	-	State Deptt. of Agriculture, Assam
4.	Training for farmers' group on marketing under RKVY,08-09	29-31 March'2009	-	-	29	-	-	-	State Deptt. of Agriculture, Assam

5. OTHER EXTENSION ACTIVITIES:

Field Days, Kisan Mela/Mahila Mandal/Ex. Trainees meet/Group Discussion/Multimedia Show etc.

Sl. No.	Topic	Proposed target	Target achieved	Date of organization	Location	Source of fund	Details of participants				Total	Remarks
							SC/ST		Others			
							M	F	M	F		

1	Field Day (FPARP)	1	1	Toria /14.02.09	Kargil Bazar	Min. of water Resources, Govt of India	5	9	77	6	97	Irrigation Management
	Field Day (FPARP)	1	1	Toria /21.02.09	Matiapara	-do-	35	16	43	6	100	-do-
	Field Day (FPARP)	1	1	Toria /25.02.09	Dhulagaon	-do-	0	0	73	27	100	-do-
	Field Day (FPARP)	1	1	Potato/02.03.09	Kawatika	-do-	4	0	90	6	100	-do-
	Field Day (FPARP)	1	1	Tomato/21.03.09	Allengmari	-do-	27	5	67	2	101	-do-
2	Kisan Mela	NIL										
3	Exposure Visit	2	2	28.03.09 31.03.09	Darrangiri Goalpara	RKVY	34	6	86	0	126	
4	F.S. Interaction	1	1	July 26, 08	Meshkajhar	KVK Budget	0	0	28	0	28	On Rabi crops
5	Animal health Camp	NIL										
6	Awareness camp	1	1	18.12.08	Basugaon	KVK Budget	0	0	13	2	15	On Zoonatic disease
7	PRA exercise	NIL										
8	Method Demonstration	2	2	06.08.08	Pub- Enkarbari	KVK Budget	5	0	20	0	25	Trichocard <i>Beauveria bassiana</i>
				25.08.08			0	0	25	0	25	

6. OFT :

Sl. No.	Subject/Title	Source of Technology	Proposed target	Target achieved	No. of framers covered	Name of farmers	Name of location	Remarks on performance of technology	Refinement required/ Not required	BC ratio
1.	Performance of medium duration rice variety “Basundhara” in rice-toria sequence	RARS, Titabar	1	1	3	Mr. Prahlad Mahanayak Mr. Dalim Choudhury Mr. Parimal Mahapatra	1 No. Bhetagaon Saunagaon Matiapara	Rice variety “Basundhara” grown in rice-toria sequence was found to be superior than the farmer’s variety in of crop yield and production	Not required	1.48
2.	Evaluation of submergence tolerant rice variety “Jalashree” in the farmers’ field	RARS, Titabar	1	1	4	Mr. Ratan Ch. Roy Mr. Paneswar Roy Mr. Lakshmi Kanta Roy Mr. Kartik Talukdar	Pahartali Pahartali Kalbari Sakamura	Submergence tolerant rice variety “Jalashree” yielded lower than the traditional variety as the crop was affected by flood	Not required	1.11

										water only once for two days at maximum tillering stage, hence, the submergence condition did not affect the traditional variety		
3.	Evaluation of delayed planting rice variety “Prafulla” in the farmers’ field	RARS, Titabar	1	1	2	Md. Abdul Kasem Md. Rakibul Islam	Kokila Maspara Kokila Maspara	Staggered planting rice varieties “Prafulla” cultivated with 60 days old seedlings performed poorly as compared to traditional variety “Moinagiri”	Not required	1.04		
4.	Rhizome rot management in ginger using Biofor-PF	Dept. of Plant Pathology, AAU, Jorhat	1	1	3	Md. Farman Ali Md. Sukur Ali Mr. Makhan Ch. Pandit	Durgapur Allengmari Pub-Khamarpara	NA	Not required	NA		
5.	Rearing of upgraded goat	Goat Research Station, Byrnihut	1	1	3	Mr. Pulen Roy Mr. Paritush Sarkar Mrs. Ramela Islari	Pub-Enkorbari Matiapara Kashikotra	Ongoing	Not required	NA		
6.	High density cultivation of “Malbhog” Banana	Deptt of Horticulture, AAU, Jorhat	1	1	3	Mr. Mangal Sigh Boro Md. Sukur Ali Md. Farman Ali	Allengmari Allengmari Durgapur	Ongoing	Not required	NA		

7. FRONTLINE DEMONSTRATION (FLD):

Sl. No.	Crop	Variety	Area (ha)	No. proposed	Target achieved	No. of framers		Critical input supplied	Date of sowing/ transplanting	Date of harvesting	Yield (q/ha)	Farmer’s yield (q/ha)	Remarks (if any)
						SC/ST	Others						
1.	Toria	TS-36	5.0	5	5	2	8	Seed, fertilizer and pesticides	1 st - 3 rd week November, 08	2 nd - 4 th week February, 09	9.9	7.5	32% higher yield than farmers practice
2.	Toria (FPARP)	TS-36	3.0	3	3	0	10	Seed, fertilizer, pesticides and irrigation water	1 st - 3 rd week November, 08	3 rd - 4 th week February, 09	10.7	8.63	23.98% higher yield than farmers practice

3.	Lentil	B-77	5.0	6	6	4	8	Fertilizer and pesticides	3 rd week November, 08	1 st – 2 nd week March, 09	6.70	5.57	20.3% higher yield than farmers practice
4.	Rice	Keteki Joha	2.0	4	4	1	3	Seed, fertilizer and pesticides	3 rd – 4 th week June , 08	3 rd – 4 th week November , 08	29.2	25.8	23.5% higher yield over farmers practice
5.	Rice	Joymati	2.0	2	2	2	1	Seed, fertilizer and pesticides	2 nd - 3 rd week November , 08	1 st week May, 09	53.0	45.0	17.7% higher yield over farmers practice
6.	Potato (FPARP)	Kufri jyoti	1.0	1	1	0	4	Seed, fertilizer, pesticides and irrigation water	4 th week October , 08	2 nd - 4 th week February, 09	300.0	240.0	25.0% higher yield over farmers practice
7.	TPS	HPS 1/13	0.67	10	10	0	10	Seed, fertilizer and pesticides	1 st week November , 08	2 nd week March, 09	240.0	NA	NA
8.	Tomato (FPARP)	Avinash -2	1.0	1	1	0	4	Seed, fertilizer, pesticides and irrigation water	Mid October,08	Last week January, 09 onward	600.0	487.5	23.0% higher yield over farmers practice

1. FARM PRODUCTION PROGRAMME: NA

Sl. No.	Crop(variety)/Animal (breed)/Fish, etc.	Area under production	Qty. Produced	Qty sold	Qty unso.ld	Qty damaged	Total revenue (Rs.)
1.							

9. SEED PRODUCTION PROGRAMME : SEED PRODUCTION PROGRAMME IN THE FARMERS FIELD

Sl. No.	Name of crop	Variety	Area under production programme	Type of seed produced (Breeder seed/certified seed/Foundation seed)	Qty produced	Qty sold	Sold to organization/farmers	Amount received (Rs.)
1.	Rice	Ranjit	1.0 ha	Certified seed	60.0 qt	-	-	-

10. DETAILS OF INVOLVEMENT IN RAWEP/FWEP/RHWEP : NIL

11. SOIL TESTING LABORATORY STATUS (MONTH-WISE) : NIL

Month	No. of sample received with date	No. of sample analysed with date	Farmer's name	Name of place/village from where soil sample was collected	pH of the sample	Major elements analysed			Name of the scientists associated with analysis	Remarks, if any
						N	P	K		
Jan										
Feb										
Mar										
Apr										
May										
Jun										
Jul										
Aug										
Sep										
Oct										
Nov										
Dec										

12. PUBLICATION OF BULLETIN/LEAFLETS, ETC.

Sl. No.	Year of publication	Name of the scientist	Title of bulletin/leaflet	Medium of publication (Assamese/Bengali/English)
1	2008	Dr. K. K. Deka	Cultivation practices of Jatropha	Assamese
2	2008	Dr. C. K. Sarma	Bamboo cultivation	Assamese
3	2008	Dr. C. K. Sarma, Dr. S.K. Paul and Dr. K. K. Deka	Vermicomposting from organic waste	Assamese
4	2008	Dr. K. K. Deka	Cultivation practices of potato from T.P.S.	Assamese
5.	2009	DR. Pallabi Devi, Dr. S.K. Paul, Dr. C.K. Sarma	Poultry rearing by scientific method	Assamese
6.	2009	Ms. Purnima Das, Dr. S.K. Paul, Dr. C.K. Sarma	IPM of Rice	Assamese
7.	2009	Ms. Purnima Das, Dr. S.K. Paul, Dr. C.K. Sarma	IPM of Chilli	Assamese
8.	2009	DR. Pallabi Devi, Dr. S.K. Paul, Dr. C.K. Sarma	Pig rearing for self employment	Assamese
9.	2009	Ms. Purnima Das, Dr. S.K. Paul, Dr. C.K. Sarma	Major insect pest of Vegetables and their Management practice.	Assamese
10.	2009	Ms. Ranjita Brahma, Dr. S.K. Paul, Dr. C.K. Sarma	Vermicomposting and its use	Assamese

13. PUBLICATION OF SCIENTIFIC PAPER/POPULAR ARTICLE/ETC. BY KVK SCIENTISTS

Title of the paper/ article	Name of scientist(s)	Year of publication	Name of journal/Newspaper
Studies on root growth in maize (<i>Zea mays L.</i>) as influenced by tillage, seed rate and weed control method	Dr. C. K. Sarma	2008	Indian Journal of Ecology
Vermicomposting from organic waste	Dr. C. K. Sarma	2008	Bangiyo Sahitya Sammilan, Gossaigaon
Bamboo cultivation	Dr. C. K. Sarma	2008	Mrittika, KVK, Khumtai
Ecofriendly approaches in agriculture	Dr. C. K. Sarma	2008	The Assam Tribune
Balance fertilization	Dr. C. K. Sarma	2008	Asomia Khabor
Commercial floriculture	Dr. K.K. Deka	2008	Bangiyo Sahitya Sammilan, Gossaigaon
Seed production technique	Dr. S.K. Paul	2008	Bangiyo Sahitya Sammilan, Gossaigaon
Women empowerment in agriculture	Dr. C. K. Sarma	2008	Uttaran, a souveniour published in the occasion of Zonal Expo, 2008, Bongaigaon
Swine flu	Dr. Pallabi Devi	2009	Namanir Asom
Zoonotic disease	Dr. Pallabi Devi	2009	Namanir Asom

14. "TOTAL NO. OF ARTICLES PUBLISHED IN GHARE PATHARE" BY KVK SCIENTISTS : NIL

Sl. No.	Title of the article	Name of scientist(s)	Year and issue of publication

15. RADIO TALK/TV PROGRAMME: NIL

Sl. No.	Title of the topic	Date of broadcast	Radio station (like Guwahati/Dibrugarh/Jorhat, etc.), TV Station (Guwahati/Dibrugarh)	Name of scientist who delivered/participated

16. TECHNOLOGY WEEK: NIL

Date	Major programmes	No. of farmers/visitors	Name of the line departments who attended

* Write a brief report on the Technology Week Celebration with good quality photographs)

17. STATUS OF SAC MEETINGS: NIL

No. of SAC conducted	Date of meeting	Name of line departments who attended the SAC meeting	No. of members attended the SAC meeting

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18. RKVY ACTIVITIES: NA

A.

List of equipment/animal produced under RKVY	Year of purchase	Remarks

B.

Name of demonstration unit established	Year of start	Remarks

C.

Infrastructure developed under RKVY	Year of start	Remarks

19. EMPLOYMENT GENERATION ACTIVITIES ORGANIZED FOR UNEMPLOYED YOUTH/WOMEN/ENTREPRENEURS: NIL

Sl. No.	Area of activities	No. of rural youth/women attended	No. of rural youth/women adopted	Address of unit with date of start	Area/capacity of the unit	Annual income from unit	Remarks
1.	Vermicompost						
2.	Off-season vegetable product						
3.	Off-season flower product						
4.	Broiler production						
5.	Pig production						
6.	Fish production						
7.	Mushroom production						
8.	Horticulture nursery						
9.							
10.							

20. DETAILS OF CONTINGENCY PLAN AND EXECUTION: NIL

21. SUCCESS STORY WITH ECONOMIC DETAILS (Achievement, photo, paper cutting)

A. MR. AMRIT MAHANAYAK, A GRADUTE UNEMPLOYED YOUTH BECOMES AGRICULTURE-ENTREPRENEUR

Krishi Vigyan Kendra, Bongaigaon, four years old organization has been trying sincerely to engage rural youth in income generating activities in the agricultural sector. As a result of its continuous effort, an unemployed graduate youth has paid attention on agriculture for his livelihood and gradually, he has become a successful cultivator.

Mr. Amrit Mahanayak, second son of Mr. Adhir Mahanayak, Vill. Bhetagaon under Bijni sub-division of Chirang district is a dynamic young youth aged around 28 years who completed his graduation in Arts few years back. Mr. Mahanayak, like other youths kept himself busy in searching govt. jobs, but within a short period of time, he realized that it is merely wastage of time and energy and he concentrated in agriculture with his own 2.0ha land. He started cultivating Sali rice followed by potato and vegetables; however, he could not earn much profit with traditional agricultural practices. He found that the cost of cultivation of rice is very high compared to the return he earned and got upset with the outcome. Fortunately, he came in contact with the scientists of KVK, Bongaigaon and attended a training programme on integrated crop management conducted by KVK, Bongaigaon where he could enrich his knowledge



level in respect of modern crop production technologies after interacting with the KVK scientists. Initially, he adopted improved sali rice variety “Ranjit” and followed all the recommended practices of sali rice after consulting KVK scientists. Adoption of scientific method of cultivation made the differences in growth and development compared to earlier traditional practice and finally, resulted in very good yield. He harvested rice yield of 5.4 t/ha which was almost double than the last year. With this encouraging result, he then organized a training programme in his village to know the modern crop production technologies of rabi vegetables and potato. Potato is an important crop of his locality, however, farmers could harvest very low yield (12t/ha)



owing to poor adoption of suitable varieties as well as scientific crop management practices. After knowing modern crop management practices, he took

necessary initiatives for cultivation of potato crop. KVK, Bongaigaon also started one FLD on irrigation management in Potato under Farmer's Participatory Action Research Programme in an area of 1.0ha during the same season. At the same time, he also started TPS cultivation after taking necessary guidance and help from KVK. He adopted all improved crop management practices with special attention to irrigation scheduling at critical stages of crop growth. Under irrigated condition, he could harvest 408qtl of potato tuber from one ha land area and managed to earn a net profit of Rs. 1, 00,000.00/ha. From TPS plot, he got around 120qtl of sizable tuber which he kept in the cold storage for planting in the next season. Along with potato, he cultivated hybrid variety of chilli with full recommended practices in 0.133ha land area and able to earn a net profit of Rs.15, 000.00 within a short period of time. He is now fully concentrating on commercial agriculture and recently, he has procured a power tiller at a subsidized rate from the department of agriculture. He is now very much grateful to the scientists of KVK, Bongaigaon for rendering excellent services to the farming community as well as to him in particular in the field of agriculture.

Looking at his success, many of the local youths have shown their interest in agriculture, more particularly in potato. Mr. Amrit Mahanayak is now a happy young man with a secured future through agri-entrepreneurship and also become an ideal for many unemployed youth.. We the scientists of K.V.K., Bongaigaon are also proud of him and wish him all success.

B. MR. PARIMAL MAHAPATRA, A POOR FARMER BECOME A SUCEESFUL AGRI-ENTREPRENEUR.

Mr. Parimal Mahapatra is a middle aged resident of Matiapara village of Bijni sub Division of newly formed Chirang district who took up agriculture as his profession and livelihood few years back. Agriculture and horticulture were the major components of his farming system .Major portion of his area is medium in situation, therefore, he preferred rice cultivation during kharif season as rainfed followed by rabi crops such as toria, tomato, brinjal, cole crops etc . He also cultivated summer vegetables and summer blackgram in some parts of upland area. Although, he got involved with various agricultural activities throughout the year, he could hardly manage to fulfill his family needs from agriculture few years back. Low income from the agricultural activities was the outcome of poor or non adoption of HYVs as well as improved crop management practices which resulted in low crop yield. At that point of time, he was not well aware of HYVs and scientific methods of cultivation and his poor economic condition often debarred him from adopting new technologies. Rainfed farming situation also contributed to lower crop yield. It was in May, 2005, that a newly formed organization from Kajalgaon “ KVK, Bongaigaon” entered into his village for transfer of agricultural technologies and identified Mr. Parimal Mahapatra as one of its beneficiary for FLD programme on HYV of Sali rice (var. Ranjit).He was trained up in the new technologies such as nursery management technique , land preparation, transplanting, fertility management, weed management, pest management etc of Sali rice and provided with all necessary inputs for the programme. With

all these practices, he could visualize the effect of improved crop production practices and manage to harvest almost double yield (5.4 t/ha) compared to previous year. Being inspired by the result of FLD, he became interested to adopt improved crop management practices in vegetable crops also and participated in the training programmes of KVK, Bongaigaon. He collected necessary informations in respect of HYVs of vegetable crops along with their cultivation technology and started cultivation of vegetable crops. He also adopted hybrid varieties of tomato and chilli in consultation with KVK scientist in an area of 0.065ha initially during 2005. After receiving encouraging result, he expanded his vegetable growing area from 2006 onward and got net profit of Rs. 10,000.00. Simultaneously, he paid his attention to other field crops also. He used to cultivate mainly black gram, toria and lentil with locally available varieties which were low yielder without using any scientific technologies. During 2006-07, some HYVs namely “Pant U 19”, “TS-36” and “B-77” of black gram, toria and lentil, respectively were introduced in his crop field along with their crop management practices through FLD programmes. With the introduction of new technologies, he could harness more profit and gradually expanded his area to 1.5ha for toria and to 0.5 ha for lentil and black gram. He, later on installed irrigation facility in his crop field with the assistance of state dept. of agriculture to provide life saving irrigation water. In 2007-08, irrigation management technology was demonstrated in toria through which he could visualize the effect of life saving irrigation in toria and harvested bumper crop yield (13qtl/ha). Gradually, he becomes a successful agricultural entrepreneur who earns about Rs. 1, 50,000.00 per annum and capable of fulfilling his family needs. Mr. Parimal Mahapatra is now a happy man with a secured future through agriculture and also becomes an inspiration for many farmers. He gave full credit to KVK, Bongaigaon for his transformation to a successful farmer. We the scientists of K.V.K., Bongaigaon are also proud of him and wish him all success.



22. DETAIL PROGRAMME REPORT OF WORKS UNDER DPP (Details of residential quarters, office building, threshing floor, fencing, farmers’ hostel, etc.)

23. TRAINING/SEMINAR/WORKSHOP ATTENDED BY KVK SCIENTISTS WITHIN/OUTSIDE STATE

Sl. No.	Name of Scientist	Name of Training	Organized by	Place/Venue	Date/Period

1	Dr. K. K. Deka,	Training on participatory watershed management	EEl, AAU, Jorhat	AAU, Jorhat	18-08-08 to 23-08-08
2	Dr. S.K. Paul	National workshop on food security and sustainable agriculture	Ministry of Agriculture, New Delhi	-	27-11-08
3	Dr. S.K. Paul	Crop seminar cum capacity building and awareness programme on sustainable agriculture	Department of Agriculture, BTC	Department of agriculture, BTC	16-12-08 & 17-12-08
4	Dr. S.K. Paul	Seminar on TPS cultivation	Department of agriculture, BTC	Department of agriculture, BTC	16-12-08 & 17-12-08
5	Dr. C.K. Sarma	Seminar on System of rice intensification	Department of agriculture, BTC	Department of agriculture, BTC	16-12-08 & 17-12-08
6	Mrs. Purnima Das	Seminar on integrated pest management in rabi crops	Department of agriculture, BTC	Department of agriculture, BTC	16-12-08 & 17-12-08
7	Dr. C. K. Sarma	Training on improved production technology on maize crop and IPM on maize	SDA, Bijni	SDA, Bijni	06-01-09
8	Dr. H. K. Baruah	Workshop on training methods and management of training programme	EEl, AAU, Jorhat	EEl, AAU, Jorhat	10-02-09 to 17-02-09
9	Ms. R. Brahma	Trainers training on water management	AICRP on water management, AAU, Jorhat	ATIC, AAU, Jorhat	04-03-09 to 18-03-09

**Programme Coordinator
KVK ...(Bongaigaon).....
Kajalgaon, Chirang**