

Name of the KVK : Krishi Vigyan Kendra, Sivasagar
Year of Establishment : 2003
Total area under Building, Road, etc. : 13.7 ha
Total area under Farm : 2 ha
Office Telephone No. : 03772-217545
Fax No. :-
e-mail : kvksivasagar@gmail.com

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. Phuleswar Nath	i/c Programme Coordinator & SMS	Plant Pathology	31 st March, 2005	99544 11012	phuleswarnath@rediffmail.com
2.	Mrs. Rumjhum Goswami Phukan	Subject Matter Specialist	Plant Breeding	6 th Nov' 2008	94350 96127	rumjhumgoswami@gmail.com
3.	Mrs. Arunima Bharali	Subject Matter Specialist	Nematology	6 th Nov' 2008	94350 52278	arunimabharali10@gmail.com
4.	Mr. Jayanta Kalita	Subject Matter Specialist	Agronomy	09 th Jan, 2009	94350 93809	jkal2004@indiatimes.com
5.	Dr. Binoy Kr. Roy	Farm Manager	Biotechnology (Agri)	6 th Jan'2009	98546 94558	binoyray@gmail.com
6.	Sri Juga Rashmi Borah	Programme Asstt.(Comp)	Computer	11 th Nov' 2008	99570 36095	jugaborah2009@gmail.com
7.	Mr. Girindra Nath Chetia	Junior Accountant		1 st June 2003	94355 24780	
8.	Sri Biju Mahan	Driver		22 nd Dec' 2008	97077 79807	
9.	Sri Baneswar Gogoi	Grade IV		20 th Dec' 2007		

2. TOTAL NO. OF TRAINING CONDUCTED UNDER VARIOUS DISCIPLINE

Sl. No.	Subjects	Sl. No.	Title of the training	Proposed target (as per Action Plan)	Target achieved	Details of participants				Total	Remarks
						SC/ST		Others			
						M	F	M	F		
A. Practicing Farmers											
1	Agriculture	1	Production technology of perennial fodder	1	1	1	-	30	1	32	
		2	Nursery management technique of Sali rice	1	1	-	-	28	-	28	
		3	Improved production technology of Sali rice	1	1	-	-	24	6	30	
		4	Water management in Sali rice	1	1	5	-	27	-	32	
		5	Production technology of Black gram or Green gram	1	1	-	-	49	9	58	
2	Horticulture	1	Care and Management of Assam Lemon	1	1	-	-	22	6	28	
		2	Care and management of Khasi Mandarin	1	1	-	-	25	12	37	
		3	Nursery Management of Horticultural crops.	1	1	-	-	27	-	27	
3	Animal Husbandry	1	Care & management of pig for meat production	1	1	-	24	1	1	26	
4	Fishery	-									
5	Home Science	1	Income generation activities of women SHG	2	2	-	-	-	55	55	
6	Sericulture	-									

7	Plant Pathology	1	Disease management in kharif vegetables	1	1	-	-	26	-	26	
8	Entomology	1	Integrated pest management in kharif vegetables.	1	1	4	-	22	-	26	
		2	Biocontrol of pest & diseases in Sali rice	1	1	-	-	14	19	33	
9	Apiary	-									
10.	Soil Science	1	INM in Kharif Vegetables	1	1	1	-	22	4	27	
		2	Vermicompost production technology	1	1	-	-	32	6	38	
11.	Agril. Engg.	-									
12.	Plant Breeding	-									
13	Others	-									
	Sub-Total			16	16	11	24	349	119	503	

B.	Rural Youth										
1	Agriculture	1	Integrated farming system for self employment	1	1	-	-	22	4	26	
		2	Awareness programme of Biodiversity & its conservation (For school/college students)	5	3	11	1	236	75	323	
2	Horticulture	1	Production and Management of Medicinal and Aromatic Plants	1	1	-	-	27	7	33	
		2	Commercial cultivation of Ginger	1	1	9	-	18	-	27	

3	Animal Husbandry		-								
4	Fishery		-								
5	Home Science		-								
6	Sericulture		-								
7	Plant Pathology	1	Mushroom production technology	1	1	-	-	2	30	32	
8	Entomology		-								
9	Apiary		-								
10	Soil Science		-								
11	Agril. Engg.		-								
12	Plant Breeding		-								
13	Others		-								
	Sub total			9	7	20	1	305	116	441	
C. Extension Functionary											
1	Agriculture		-								
2	Horticulture		-								
3	Animal Husbandry		-								
4	Fishery		-								
5	Home Science		-								
6	Sericulture		-								
7	Plant Pathology		-								
8	Entomology	1	Integrated pest management in kharif Vegetables	2	2	6	2	42	-	50	
9	Apiary										
10	Soil Science										
11	Agril. Engg.										
12	Plant Breeding										
13	Others										

D. Any other										
	Agriculture									
	Horticulture									
	Animal Husbandry									
	Fishery									
	Home Science									
	Sericulture									
	Plant Pathology									
	Entomology									
	Apiary									
	Soil Science									
	Agril. Engg.									
	Plant Breeding									
	Others									
	Sub-total			2	2	6	2	42	-	50
	Grand total			27	25	37	27	696	234	994

Brief report on Training conducted:

All total 25 nos. of training were conducted. Out of which 16 training were conducted for practicing farmers under the discipline of Crop production, Horticulture, Plant protection, Soil Science, Animal Husbandry and Home Science, in which 503 participants attended the training. However, 7 nos. of training were conducted for rural youth under the discipline of Crop Production and Horticulture in which 441 no of participants took part and 2 trainings were conducted for Extension functionaries under the discipline of Plant protection where 50 nos. of participants took part in the event.

3. 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.									
2.									

4. 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
							SC/ST		Others		
							M	F	M	F	
1.	Field Day	3	1	19.12.2010	Bamunbari	RARS TTB Project	8	12	42	20	82
				1.2.2011	Mezenga	ICAR	9	5	11	0	25
2.	Kisan Mela	2			DAO, Sivasagar & Dimow	ATMA, Sivasagar					
3.	Exposure Visit	1	1	13.11.2010	RARS, Titabar	ICAR	-	-	32	6	38
4.	F.S. Interaction	-		3.4.2010 (ATMA)	Sivasagar	ATMA	25	14	28	80	147
		-		6-7 th April, 2010(ATMA)	Sivasagar	ATMA	5	3	18	13	39
5.	Animal health Camp	-									
6.	Awareness camp	-									
7.	PRA exercise	1	1	02-02-2011	Adopted village, Garkakharia	ICAR	3	10	28	26	67

5 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	Assessment required/ no t required	C:B ratio
1	Biocontrol of rice stem borer & leaf folder in rice.	Deptt of Entomology, AAU	1	1	3	Jaiguram Borua	Janji Moransiga	This environment friendly technology performs well if applied on time i.e. one month after transplanting & at 15 days interval		1.29
						Muhidhar Neog	-do -			
						Nakul Bezborua	Nazira			
2	Tinikota bao as fodder	Local technology	1	1	5	Jiten Borua	Chirakhunda	Technology performs well & as fodder its nutritional value is up to the mark		1.20
						Padma Saikia				
						Gobin Borua				
						Reba Gogoi				
						Budheswar Borua				
3	Management of root –knot nematode on blackgram using organic amendments.	Deptt. Of Nematology, AAU, Jorhat	1	1	1	Baliram Pandey.	Santak	This environment friendly technology performs well & very less amount of galls & egg masses have been observed as compared to local check.		1.12

4	Management practices of viral diseases of Bhutjalakia.	Deptt. of Plant Pathology, AAU, Jorhat			5	Bulanjyoti Handique	Garmur	On going		
						Bitupan Handique				
						Troilukya Handique				
						Ritu Handique				
						Dilip Deogharia				
5	Performance of Glutinous rice variety “Aghoni”	AAU	1	1	3	Ranjit Phukan	Kapahuwa	Aghoni Bora Yield: 49q/ha (Aghoni) Local, Bogabora 37.5 q/ha	not required	1.73
						Nanda Kishore Singh	Koribasti			
						Ghana Phukan	Kapahuwa			
6	Cultivation of premium rice variety Keteki Jaha	AAU	1	1	2	Raidew Sinh	Koribasti	The yield of keteki Jaha variety was good compared to the local varieties Yield: 42q/ha Local variety: 22.5 q/ha	not required	2.1
						Prabitra Singh	Namati			
7	Cultivation of premium rice variety Bakul Jaha	AAU	1	1	1	Bulanjyoti Handique	Chetia Handique Goan,	The yield of Bakul Jaha variety was good compared to the local varieties Yield: 36.0q/ha Local variety: 22.5 q/ha	Not required	1.6

8	INM in sali rice	AAU,	1	1	3	Abhijit Bora	Longpotia	The yield of the treated plot was recorded as 68.9 q/ha with a CB ratio of 1.9.	not required	1.9
						Budheswar Kurmi	Mezenga			
						Ranjit Phukan	Rebotigaon			
9.	Application of Zn SO ₄ in Sali rice	AAU	1	1	1	Ranjit Phukan	Rebotigaon	Yield: 62.48 q/ha Farmers practice: 54q/ha	not required	1.7
10	Stress tolerant (Submergence) varieties for poor farmers	IRRI	1	1	1	Prasanta Konwar	Bamunbari (Tengapukhuri)	Varietal evaluation was done by farmers as well as scientists of AAU. * Variety No. 7 i.e. TTB-303-1-42 has been selected as the best variety by the method of voting on the day of field day celebration.	not required	Collaborative work with IRRI & RARS, Titabor.

6. 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	Rice	Jalkuwari	1	1	1	-	7	Seed, Fertilizer	20-27 th July, 2010	17.12.2010	49.9	37.5	Duration of submergence : 14-17 th August & 24-27 th August, 2010.
2	Banana	Amritsagar	1	3	3	-	7	Banana suckers and Fertilizers	20-24 th June 2010	In progress			
3	Black Gram	T-9	2	1	1	5	11	Seed, Fertilizer	9.10.2010	8.1.2011	7.5	-	Crop was infected by heavy rain fall during the early stages of growth
4	Sesamum	AST1683	2	1	1	-	10	Seed, Fertilizer	25.9.2010	9.1.2011	3.38	-	The crop was not sown in time as the heavy rainfall delay land preparation
5	Maize	QPM 1	4	3	3	7	22	Seed Fertilizer	15-22 nd March, 2011	Crop in the field			

6	Wheat	Sonalika	1	1	1	-	10	Seed Fertilizer	3-11-2010	16-2-2011	11.7	-	Yield was less due to shortage of moisture during CRI stage
7	Vermicompost		1Unit	1	1	1		Constructed the vermicompost unit and supply the worms	Worms were released on 24.02.2010	-	-	-	Vermicompost production is in progress.
8	Toria	TS-36	3	1	1	4	8	Seed, Fertilizers	2-12-2010	8-3-2011	7.15	-	
9	Pea	Azad pea-1	1	2	2	0	8	Seed & Fertilizer	10-12th Nov,2010	7-20 th Feb, 2011	30.0	-	Yield of Fresh Green pod weight
10	Perennial Fodder	Napier, Seteria, paragrass	2	-	1	0	2	Planting material	30-4-2010	15-8-2010 1 st cut	50.0 30.0 30.0	-	Collaborative work with AICRP on Forage, AAU

7. FARM PRODUCTION PROGRAMME

Sl. No.	Crop(variety)/Animal (breed)/Fish, etc.	Area under production	Qty. Produced	Qty sold	Qty unso.ld	Qty damaged	Total revenue (Rs.)
1.	Toria (TS 36)	0.8 ha	4.0	-	4.0	-	-
2.							
3.							

8. SEED/PLANING MATERIAL PRODUCTION PROGRAMME

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.								
2.								
3.								
4.								
5.								
6.								
7.								

9. DETAILS OF INVOLVEMENT IN RAWEP/FWEP/RHWEP

- **RAWEP 2010** programme was completed by May 2010.
- No. of students enrolled in KVK Sivasagar : 24
- Date of Viva voce examination : 29.05.2010.
- Submission of grade to AAU : 02.06.2010

10. SOIL TESTING LABORATORY STATUS (MONTH-WISE)

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										

11. 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	2010	Dr. Phuleswar Nath & Dr. N.N. Puzari	<i>Gharua kitnasok aru darabor prastut pranali</i>	Assamese
2	In press	Arunima Bharali	<i>Kitnashak drabya proyugar samayat labalaga sabadhanata.</i>	Assamese

12. TECHNOLOGY SHOWCASING

Period/Season	Crop	Area (ha)	No. of farmers	Yield			Name of the line departments involved	Remarks
				Highest	Lowest	Average		

13. STATUS OF SAC MEETINGS

No. of SAC conducted	Date of meeting	Name of line departments who attended the SAC meeting	No. of members attended the SAC meeting
1	25-06-2010	Dept. of Agriculture, Dept. of Veterinary, Dept. of Fishery, Dept. of Sericulture, Dept. of Soil Conservation, ATMA, Social Welfare, Social Forestry, DICC, RARS, Titabar, farmers and farm women.	31

14. RKVY ACTIVITIES**A. List of equipment/animal produced under RKVY:**

Name of equipment	Year of purchase	Remarks
Dragnet Broad Fishnet	2010-11	
Wheel Barrow	2010-11	
Fingerlink Catching Net	2010-11	
Trailor	2010-11	
Lugged Wheel	2010-11	
Hitch Bracket	2010-11	
Wheel Challenger	2010-11	
Handle weight assembly	2010-11	
Short Rotary	2010-11	
Water Pump	2010-11	

Mechanised brush	2010-11	
Straight Blade	2010-11	
Motorised Knapsack sprayer	2010-11	
Multipurpose power weeder	2010-11	
Power paddy weeder	2010-11	
Row self propelled transplanter	2010-11	
Earth Auger	2010-11	
Power tiller	2010-11	
Weather tower	2010-11	
Pump set Engine-3HP	2010-11	
Mono Block pump Set	2010-11	
Napsack power duster	2010-11	
Power Sprayer Pump	2010-11	
Disc Plough	2010-11	
Spring Tyne Cultivator	2010-11	
Disc harrow	2010-11	
Puddler	2010-11	
Rotavator	2010-11	

Shovel	2010-11	
Kudal	2010-11	
Pruning Secateur	2010-11	
Khurpi	2010-11	
Garden rack	2010-11	
Kalam katari	2010-11	
Kopida	2010-11	
Machida	2010-11	
Grass Cutter	2010-11	
Sickle	2010-11	
Hatda	2010-11	

B. Name of demonstration unit established:

Name of the unit	Year of start	Remarks
1. Goatery	2010-11	In progress
2. Diary	2010-11	In progress
3. Composting unit	2010-11	In progress
4. Mushroom	2010-11	In progress

C. Infrastructure developed under RKVY:

Infrastructure developed under RKVY	Year of start	Remarks
Boundary wal I (100 m)	2010-11	In progress

15. EMPLOYMENT GENERATION ACTIVITIES ORGANIZED FOR UNEMPLOYED YOUTH/WOMEN/ENTREPRENEURS

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						

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

Success story on Toria variety TS-36

In Sivasagar district cultivation of oilseed and pulse crop is limited because of soil pH and high clay content. Generally the areas in the river banks are used for cultivation of oilseed and pulse crop. But due to commercialization of agriculture these areas are converted to high remunerative vegetable crops. Hence, the area covered under pulse and oilseed is very less. During a training programme the KVK Scientists interacted with some farmers of Tribeni Krishak Sangha, Gopalpur, Sivasagar. Later on, 3 members of the Sangha visited the KVK, Sivasagar and approached us to cultivate a plot of approximately 10 ha of fallow land covered by Ipomea weeds. After thorough discussion, we promised to provide the inputs for 4 ha of Toria crop and at the same time they were advised to remove all the Ipomea weed from the land. As planned, the Ipomea weeds were uprooted manually and cleaned a plot of land of about 9 ha.

The most trouble faced by the farmers during the cultivation was the land preparation. It was very difficult to make fine tilth suitable for toria as the clay content was more in the soil. Finally they did it. We advised them to sow the local toria variety at first because the variety TS-36, we provided can also be sown lately. Finally, they covered 8.26ha of land. The growths of the varieties i.e. TS-36 and the local were satisfactory. The average yield obtained was 14.9 qt/ha in comparison to 8.89 qt/ha in local variety. The performance of the variety TS-36 was so impressive that now the Sangha is prepared for cultivating 26 ha of land coverage. Further some women SHGs of the village, Gopalpur also trying to add value to their product by producing very popular Mustard oil “Poka Mitha Tel”. This process of oil extraction is going on. The laborious nature of the farmer in the village impressed us and as a result we have adopted the village.

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

Sl. No.	Particular	Plinth Area (Sq Mts.)	Cost	Present Status
1	Admin. Building	547	47.12lakhs	-
2	Farmer's Hostel	305	26,31lakhs	under const
3	Staff Quarters	405	34.51lakhs	under const
4	Others (specify)			

18. 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	Arunima Bharali	Promotion of group farming and group led extension.	EEl, AAU, Jorhat	EEl, Jorhat	9 th August to 14 th August, 2010
2	Arunima Bharali	Protection of plant variety & farmers right	EEl, AAU, Jorhat	EEl, Jorhat	15 th November to 18 th November
3	P. Nath Arunima Bharali Jayanta Kalita	KVKs 5th national workshop	ICAR, New Delhi	MPUAT Udaipur, Rajasthan	22 nd December to 24 th December ,2010
4	Arunima Bharali	Papaya Mealy Bug		RARS, Kahikuchi	24 th January, 2010
5	Jayanta Kalita	Production and use of mass media in agricultural; extension	EEl, Jorhat	EEl, Jorhat	13-18 th September, 2010
6	Jayanta Kalita	District level sensitization programme of NABARD	NABARD, Sivasagar	Place	12.07.2010
7	Rumjhum Phukan	Development of leadership skills	EEl, Jorhat	EEl, Jorhat	14-19 th September, 2010
8	Rumjhum Phukan	Biotechnology based entrepreneurship development in agriculture	EEl, Jorhat	EEl, Jorhat	12 – 19 th July, 2010
9	Rumjhum Phukan	Sustainable agriculture- biovillage model	MSSRF/ DST	Chennai	15-19 th November, 2010

19. RADIO TALK/TV PROGRAMME

Sl. No.	Title of the topic	Date of broadcast	Radio station (like Guwahati/Dibrugarh/Jorhat, etc)	Name of scientist who delivered/participated
1	Udyan sasyar puli barit dekha diya puk patanga niyantran.	14 th July, 2010	AIR ,Jorhat	Arunima Bharali
2	Asomat tenga khetir bivinna samasya aru protikar.	29 th August,2010	AIR, Jorhat	Arunima Bharali
3	Banakranta anchalat Dhan khetir krishi kaushal	29 th July, 2010	AIR, Jorhat	Rumjhum Phukan
4	Kal khetir rug aru kit patanga daman	13 th August,2010	AIR, Jorhat	Dr. P. Nath

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

Title of the paper/ article	Name of scientist(s) in bibliographical manner	Year of publication	Name of journal/Newspaper	Vol. No. (Issue No.):pages [e.g. 88(4):104-107]
<i>Narikalar kit patanga niyantran</i>	Arunima Bharali.	22 nd May, 2010	Ajir Doinik Batori	
<i>Indra malati phular krishi pranali</i>	Arunima Bharali	27 th November,2010	Ajir Doinik Batori	
<i>Salidhanar jatar boikhista</i>	Rumjhum Phukan.	5 th June ,2010	Ajir Doinik Batori	
<i>Ahu Dhanor kathia utpadan</i>	J. Kalita	13 th june 2010	Asomia khabor	
<i>Gumdhanar unnat krishi padhoti</i>	J. Kalita	13 th june 2010	Ajir Doinik Batori	
<i>Kheti patharat thalua prajuktir prayog</i>	J. Kalita	20 th june 2010	Asomia khabor	
<i>Power tilleror sadharonporisajya</i>	J. Kalita	25 th May 2010	Asomia khabor	
<i>Dikhow noir parotNiranjanor seuj biplab</i>	J. Kalita	1 st June 2010	Ajir Doinik Batori	
<i>Sali khetirsamay upojugi jatan</i>	J. Kalita	3 rd Aug 2010	Asomia khabor	
<i>Jaiba indhanor proyojaniota</i>	J. Kalita	16 th -30 th Sept 2010	Prantik	
<i>Sashyar jat aru krishakar adhikar rakhanabekhan aain</i>	Rumjhum Phukan.	25 th December, 2010	Ajir Doinik Batori	

Programme Coordinator

KVK Sivasagar