

ANNUAL REPORT FOR THE YEAR 2021-22

**Submitted to the Directorate of Extension Education, Assam Agricultural
University, Jorhat- 785013**

Submitted by:

Krishi Vigyan Kendra, Dhemaji
Assam Agricultural University
Silapathar, Jonai Link Road
Dhemaji- 787059

Name of the KVK : **DHEMAJI**

Year of Establishment : 2007

Total area under Building, Road, etc. : **3.48 (Total allocated land area)**

Total area under Farm : 15.17 ha

Office Telephone No. :

Fax No. :

e-mail : **kvk_dhemaji@aau.ac.in**

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.Gunjan Gogoi	Senior Scientist & Head	Plant Protection	12.12.2020	9854016743, 9435092550	gunjan.gogoi@aau.ac.in
2.	Mr. Monuranjan Gogoi	Subject Matter Specialist	Community Science	13.02.2014	9706156156/ 6002135274	manuranjan.gogoi@aau.ac.in
3.	Mrs. Binita Konwar	Subject Matter Specialist	Horticulture	29.01.2014	9401984879/ 8638403184	binita.konwar@aau.ac.in
4.	Mrs. Neelakshi Bhuyan	Subject Matter Specialist	Soil Sc.	24.05.2018	9365019397/ 9854325248	neelakshi.bhuyan@aau.ac.in
5.	Mrs. Abhilasha Kousik Borthakur	Subject Matter Specialist	Plant Protection	25.02.2022	8638482099	avilashakoushik@gmail.com
6.	Mrs. Susmita Gogoi	Subject Matter Specialist	Crop Sc.	26.02.2022	88110216801/ 7002796708	susmitaaau@gmail.com
7.	Ms. Prajwalita Pathak	Subject Matter Specialist	Animal Sc.	28.02.2022	7015489772	prajwalitapathak@gmail.com

8.	Mr. Binoy Kumar Ray	Farm Manager	Agricultural Biotechnology	06.01.2009	9854694558	binoyray@gmail.com
9.	Mr. Deepak Kumar Goswami	Programme Assistant(Computer)	M.C.A	01.12.2008	9954370936	deepak.goswami@aau.ac.in
10.	Mr. Bhupen Kumar Daflari	Programme Assistant (Fisheries Sc.)	BFSc.	07.10.2014	6000720984/ 9435698823	bhupen.daflari@aau.ac.in
11.	Mr. Torit Bhuyan	Office Supperintendent cum Accountant	MBA	30.08.2016	9954484877	toritbhuyan@gmail.com
12.	Mr. Madhujya Protim Boruah	Jr. Steno cum Computer Operator	MA	02.02.2019	7002238450	madhujyaboruah03@gmail.com
13.	Mr. Durgadhar Deori	Driver cum Mechanic	HS	21.02.2012	8011886448	-
14.	Mr. Raju Konch	Driver cum Mechanic	Class- X	21.02.2012	8403831893	-
15.	Mr. Dharmeswar Doley	Supporting staff	BA	12.07.2018	7896815616	-
16.	Mr. Pulin Bora	Supporting staff	HSLC	10.07.2018	8474874639	-
17.	Ms. Rekhamoni Gogoi	SRF(NICRA)	Agricultural Extension Education	11.02.2022	9101963270	rekhamoni379@gmail.com

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										
	Agriculture		-	-	-	-	-	-	-	-	
1	Horticulture	1	Care and management of summer vegetables	1	1					77	
2-3		2-3	Protected cultivation of vegetables	2	2	5	-	42	3	50	
4		4	Canopy management in	1	1	4	2	12	-	18	

			Assam lemon								
5-6		5-6	Improved Cultivation of ginger and turmeric	2	2	2	34	-	-	36	
7-8		7-8	Improved cultivation practices of colocasia	2	2	2	-	10	29	41	
9-10	Animal Husbandry	1-2	Care and management of pigs	2	2	13	39	-	-	52	
11		3-6	Care and management of poultry	4	4	-	40	-	30	70	
12-13		7-8	Livestock based integrated farming system.	1	1	23	48	5	5	81	
14		9	Scientific rearing of poultry and duck for income generation of rural people	1	1	-	10	-	33	43	
15		10	Production and scientific management practice of dairy farming	1	1	19	17	2	5	43	
16		11	Commercial management of scientific goat farming	1	1	-	-	11	37	48	
17		Community Science	1	Agro-based income generating activities for farm women of DFI village	1	1	-	-	-	25	25
18	2		Raising of nutritional garden to promote household food and nutrition security	2	2	-	16	-	15	31	
19	3		Importance of consumer education and its basics	1	1	-	4	-	10	14	

20		4	Income generating activities for SHGs and Vos	1	1	-	21	-	-	21	
21		5	Basics of child development and early childhood care	1	1	-	19	-	-	19	
22		6	Training cum awareness programme on nutrition	1	1	-	24	-	-	24	
23		7	Vocational training on commercial production of pickle using locally available fruits and vegetables	1	1	8	-	-	14	22	
24		8	Value addition of textile materials through tie and dye	1	1	-	18	-	2	20	
25		9	Nutritional support during pregnancy and lactation	1	1	-	19	-	1	20	
	Sericulture		-	-	-	-	-	-	-	-	
26	Plant Protection	1	Pest and disease management in beetelvine and arecanut Scientific cultivation and post-harvest management of Oyster mushroom	1	1	-	-	28	3	31	
27		2	IPM practices in boro paddy cultivation	1	1	-	-	17	8	25	
	Apiary		-	-	-	-	-	-	-	-	
28	Soil Science	1	Raising of scientific nursery bed for paddy through virtual mode	1	1	-	-	-	-	32	
29		2	Vermicompost	1	1	-	-	-	-	45	

			production and its use in different crops								
30		3	Use of micro-nutrients in winter vegetables	1	1	5	22	-	-	27	
31		4	Integrated nutrient management in Toria	1	1	6	15	-	-	21	
32		5	Green manuring and its importance in soil health	1	1	14	6	-	-	20	
33		6	Use of bio-fertilizers in agriculture	1	1	20	-	-	-	20	
34		7	Soil management practices for sustainable crop production	1	1	2	-	6	12	20	
35		8	Principles of manure and fertilizer application for higher efficiency on vegetable crops	1	1	20	-	-	-	20	
36		9	Soil fertility management in plantation crops with special reference to coconut and arecanut	1	1	-	20	-	-	20	
37		10	Tea soil management	1	1	1	-	13	6	20	
	Agril. Engg.		-	-	-	-	-	-	-	-	
	Plant Breeding		-	-	-	-	-	-	-	-	
	Others										
B.	Rural Youth										
	Agriculture		-	-	-	-	-	-	-	-	
1	Horticulture	1	Scientific cultivation of banana	1	1	2	3	11	4	20	
2		2	Crop planning under pre and post flood situation	2	2	20	21	-	-	41	
3		3	Vocational Training Commercial production	1	1	7	3	8	1	19	

			of planting material of major fruit crops of Assam								
4	Animal Husbandry	1	Scientific management of goat	1	1	3	17	-	-	20	
	Fishery		-	-	-	-	-	-	-	-	
	Home Science		-	-	-	-	-	-	-	-	
	Sericulture		-	-	-	-	-	-	-	-	
5	Plant Pathology	1	Scientific cultivation and post-harvest management of Oyster mushroom	1	1	8	5	5	20	38	
	Entomology		-	-	-	-	-	-	-	-	
	Apiary		-	-	-	-	-	-	-	-	
6	Soil Science	1	Soil testing and its importance in agriculture	1	1	-	1	-	19	20	
7		2	Soil management in silt deposited area	1	1	-	20	-	-	20	
8		3	Production and use of organic inputs	1	1	1	5	3	12	21	
	Agril. Engg.		-	-	-	-	-	-	-	-	
	Plant Breeding		-	-	-	-	-	-	-	-	
C	Extension Functionary										
	Agriculture		-	-	-	-	-	-	-	-	
	Horticulture		-	-	-	-	-	-	-	-	
	Animal Husbandry										
	Fishery										
	Home Science		-	-	-	-	-	-	-	-	
	Sericulture		-	-	-	-	-	-	-	-	
	Plant Pathology		-	-	-	-	-	-	-	-	
1	Soil Science	1	Soil management practices in kitchen	1	1	-	-	5	15	20	

			garden								
D.	Any other										
	Agriculture		-	-	-	-	-	-	-	-	-
	Horticulture		-	-	-	-	-	-	-	-	-
	Animal Husbandry		-	-	-	-	-	-	-	-	-
	Fishery		-	-	-	-	-	-	-	-	-
	Home Science		-	-	-	-	-	-	-	-	-
	Sericulture		-	-	-	-	-	-	-	-	-
	Plant Pathology		-	-	-	-	-	-	-	-	-
	Entomology		-	-	-	-	-	-	-	-	-
	Apiary		-	-	-	-	-	-	-	-	-
	Soil Science		-	-	-	-	-	-	-	-	-
	Others		-	-	-	-	-	-	-	-	-

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.	Vocational training on Commercial Pig farming	26.03.22 to 30.03.22	-	18	-	-	2	-	NABARD
2.	Piggery rearing and management	02.10.21 to 07.10.21	-	10	12	-	3	3	MANAGE, Hyderabad
3.	Organic farming	13.03.22 to 18.03.22	-	27	1	-	-	-	MANAGE, Hyderabad
4.	Input dealers training of Dhemaji district Padma- Saraswati Bidya Mandir	20.09.2021 to 05.10.2021	5	2	17	-	1	-	Self-financed

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	Source of fund
							SC/ST		Others			
							M	F	M	F		
1.	Field Day	1	1	16/11/2021	Bhuma	DoEE	10	1	4	-	15	DoEE
		1	1	17/11/2021	Bhebeli	DoEE	14	-	1	-	15	DoEE
		1	1	04/03/2022	Simenchapori	NFSM	12	3	-	-	15	NFSM
		1	1	02/03/2022	No.4 Baligarah	DoEE	9	10	-	-	19	DoEE
2.	Kisan Mela									36		
3.	Exposure Visit	1	1	13/03/2022	AAU,Jorhat	DoEE	15	1	13	1	30	DoEE
4.	F.S. Interaction											
5.	Animal health Camp	1	1	19/10/2021	Taranipathar	DoEE	-	-	11	22	33	DoEE
		1	1	20/10/2021	Solokhoni	DoEE	10	-	2	12	24	DoEE
		1	1	21/10/2021	Kamalpur	DoEE	13	8	-	-	21	DoEE
		1	1	22/10/2021	Muktiar Lakhimi	DoEE	10	16	1	-	27	DoEE
6.	Awareness camp	1	1	16/07/2021	Simen chapori	DoEE	8	-	6	3	17	DoEE
		1	1	21/08/2021	Pipolguri	DoEE	14	23	-	-	37	DoEE
		1	1	26/08/2021	Akajan	ICAR	20	13	6	4	43	ICAR
		1	1	01/09/2021	Matikhula	ICAR	4	-	38	12	54	ICAR
		1	1	16/09/2021	Simenchapori	ICAR	16	11	5	2	34	ICAR
		1	1	30/03/2022	Solokhoni	ICAR	20	5	-	-	25	ICAR
7.	Important Day celebration	1	1	24/04/2021	Solokhoni	DoEE	10	5	0	0	15	DoEE
		1	1	21/06/2021	KVK, Dhemaji	-	8	2	3	2	15	-
		1	1	10/07/2021	Simenchapori	-	-	1	17	5	23	-
		1	1	15/10/2021	Solokhoni	ICAR	6	28	-	-	34	ICAR
		1	1	16/10/2021	Jalakiasuti	ICAR	-	39	-	-	39	ICAR
		1	1	03/12/2021	Subahi	ICAR	18	3	54	6	81	ICAR
		1	1	05/12/2021	Magurmari	ICAR	24	8	-	-	32	ICAR

		1	1	23/12/2021	Akajan	-	18	12	9	3	42	-
		1	1	24/01/2022	Solokhoni	-	5	19	-	3	27	-
		1	1	10/02/2022	Bengenarah	-	-	16	-	-	16	-
		1	1	08/03/2022	Jalakiasuti	DoEE	4	29	8	17	58	DoEE
8.	Kisan Gosthi											
9.	PM Webcasting	1	1	28/09/2021	Simenchapori	ICAR	41	42	25	34	142	ICAR
		1	1	16/12/2021	Chawkhamting	ICAR	14	10	10	122	156	ICAR
		1	1	01/01/2022	Jalakiasuti	ICAR	5	44	-	1	50	ICAR
10.	Swachhata Abhiyan	1	1	17/03/2022	Jalakiasuti	ICAR	2	1	3	-	6	ICAR
		1	1	24/03/2022	Maskhuwa	ICAR	1	5	3	11	20	ICAR
		1	1	25/03/2022	Jalakiasuti	ICAR	18	19	8	15	60	ICAR
		1	1	28/03/2022	Jalakiasuti	ICAR	32	37	-	-	69	ICAR
11.	Workshop											

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/not required (mention specific area)	CB ratio
1	Assessment of High yielding Sali paddy var. Numali	RARS, Titabar, AAU	2	2	2	Jitu Gogoi, Debojit Changmai	Chinaichuk, Mathadang	Double cropping was possible due to the cultivation of short duration Numali var.	Required	1: 1.70
2	Performance assessment of local Kharif black gram variety Telia Maah	ITK	3	3	3	Purna Phukan, Pradip Phukan, Nanda Gogoi	Gohain Gaon	Though the seed quality is good in case of telia maah, but the production is low as compared to PU31	Required	1:2.32
3	Assessment of rice varieties	RARS, Titabar,	1	1	1	Nikesh Kutum	No.1 Chekaimaj	The production of the two long duration	Required	T1 = 1:1.57 T2 = 1:1.57

	TTB-1041-204-1 and TTB-1048-60-1 high yielding long duration genotype.	AAU					Gaon	paddy variety was less in comparison to Ranjit sub 1			
4	Assessment of sweet potato var. Dergaon red with Bhu sona, Sree Bhadra and ST-56	AAU (under pipeline)	2	2	5	Sachindra Dutta, Pranjal Pratim Bhuyan, Diganta Bhuyan, Jitul Bhuyan and Bhaben Haloi	Matikhula & Kamargaon	The market demand of Bhu Sona is less as compared to the other two varieties.	Required	Variety	C:B
										<i>Bhu sona</i>	1: 3.54
										<i>Bhu Krisna</i>	1:3.14
										<i>Dergaon red</i>	1:4.18
5	Organic cultivation of Carrot	AAU	3	3	3	Dimbeswar Hazarika, Krishna Kanta Doley, Suren Haloi	Matikhula, Santipur Jengrai and Nilakh Tarani Pothar	Production was found to be higher when cultivated by organic method and also the size was uniform	Required	1:3.50	
6	Assessment of two Lai xaak varieties AAUJLP 1 & AAUJLP 2 with local check	AAU (Under Pipeline)	1	1	1	Budheswar Pame	Dimow	Pungency was more in AAUJLP2 while leaf production was more in AAUJLP1	Required	1:2.65	
7.	Validation of Trimming of branches in Pumpkin	Technical programme approved at TCM- Rabi 2021	1	1	1	Manoj Borah	Naharani Balijan	-	Required	1:4.95	
8	Assessment of bacterial blight	AAU	2	2	2	Manoj Borah and Jayanta	Borbam Bhebeli &	The BLB infestation was found to be at par	Required	T1 = 1:1.45 T2 = 1:1.46	

	resistant Sali paddy var. AAU 238 & AAU 241					Sonowa;	Balijaan	with the check varieties.		
9	Assessment of KSB in reduction of Potassic Fertilizers on Sali paddy	AAU, Jorhat-13	3	3	3	Mukunda Baruah, Tulan Sonowal, Bijoy Deori	Sumoni, Kololuwa, Barbam Deuri	Application of KSB consortia resulted in increased yield	Required	T1=1:1.74 T2=1:1.65 T3=1:1.55
10	Need based fertilizer nitrogen management using leaf colour chart in winter Rice to improve N use efficiency	RARS-North Lakhimpur, AAU, Under pipeline	3	3	3	Kalpna Sonowal, Noor Jama nans Ajay Kumar Pegu	Mesu, Phulbari, Gelua	Judicious use of chemical fertilizer was possible due to the use of this technology	Required	T1=1:2.59 T2=1:2.36
11	Fertilizer prescription equation under AICRP on STCR	AAU, Jorhat-13	3	3	3	Rita Taye, Dinesh Doley and Nirmal Borah	Pipalguri, Kulajan Tiniali, Borpathar	Using soil test data, targeted yield could be achieved	Required	T1=1:1.7 T2=1:1.8 T3=1:2.1
12	Fertilizer Prescription Equations for Normal Sown Rapeseed	AAU Year of release:2017	1	1	1	Dalim Borgohain	Geluwa	Using soil test data, targeted yield could be achieved	Required	T1=1:2.19 T2=1:2.20 T3=1:2.12

13	Assessment of improved processing method for reeling of Muga Cocoon	ITK	3	3	3	Sunu Dihingia, Jamuna Panging, and Mohan Hazarika	Batghoria, Mothadang and Boikunthapur	Processing was easier and uniform colour was obtained	Required	<p>Colour: Black shades are observed in T2</p> <p>Shining: Shining is better in T1</p> <p>Farmers preference: Baking soda</p> <p>No. of filament: 8-10</p> <p>Water quality: More easy maintain cleanliness in T1</p> <p>Cocoon required for 1 kg muga yarn: 5000 nos</p> <p>Max. cocoon can be reeled in a day: 500 nos</p>
----	---	-----	---	---	---	---	---------------------------------------	---	----------	--

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	Paddy	<i>Ranjit sub 1 & Bahadur sub 1</i>	7.50	14	14	5	9	Seeds, Fertilizers & pesticides	2.06.21	28.10.21	Ranjit Sub 1-51 q/ha Bahadur sub 1- 49.5q/ha	-	-
2		<i>Ranjit sub 1</i>	1	3	3	3	-	Seeds, Fertilizers & pesticides	15.06.21	16.11.21	54	39	-
3		<i>Bahadur Sub 1</i>	1	3	3	3	-	Seeds, Fertilizers & pesticides	15.06.21	17.11.21	51	39.50	-
4		<i>Ranjit Sub 1</i>	2	4	4	2	2	Seeds, Fertilizers and ZSB	08.06.21	05.11.21	48	45	-
5		<i>Manikimadhuri</i>	1	3	3	1	2	Seeds, Bio Fertilizers & bio-fertilizers consortia	09.06.21	11.11.21	21	15	-
6	Spinach, Tomato, Cucumber, Capsicum	<i>All green, Hard Rock, Malini, Bharat</i>	300m ²	4	4	1	3	Seeds, Vermicompost, Neem oil	June, September, December, March	Aug, Nov, Feb, June	72Kg Spinach, 3.50 Q Tomato	--	-
7	Watermelon	<i>Saraswati</i>	1	4	4	2	2	Seeds, fertilizer, Pesticide	November	April	160	-	B: C:: 1:3.56
8	Nutrition garden	Vegetables	0.26	10	10	3	7	Vegetable seeds, Organic inputs	November	March	Total vegetable production- 54.7 kg/200Sq.m	-	-
9.	Toria	<i>TS 36</i>	2	4	4	4	-	Seeds, Fertilizer, Pesticides	15.11.21	02.03.22	10.2	-	-

10.	Vermicompost	Low cost vermicompost unit	-	14	14	14	-	Polythene sheet, Earthworm, Roof material	January	-	4.9	-	-
11	Hybrid Napier	CO-5	0.75	9	9	3	6	Rooted slips, Fertilizer	July	-	60qt/ha from two cuts	-	-
12	Mineral mixture	AAUVET MIN	100Kg	7	7	7	-	AAUVETMIN, Potash, Alumer	July	-	66 Kg after six months	-	-
13	Duckery	Charra Chembali	18Ducklings/farmer	27	27	25	2	Ducklings & Medicine	October	-	1.55Kg at 5 months	-	-
14	Oats	Kent	2	16	16	6	10	Seeds, Fertilizer	October	-	305	-	-
15	Tomato Cabbage	Rishika BC 86	2.66	7	7	7	-	Seeds	November		Crop damaged due to heavy rain		
16	Turmeric	Local	0.5	16	16	-	16	Rhizome	March	-	On going		
17	Azolla	Azolla caroliniana	6	6	6	2	4	Azolla, turpoline, Agroshade net	March	-	On going		
18	Fishery	Catla,Rahu, Mrigal	0.26	1	1	-	1	Fingerling,Lime and feed	May	-	On going		
19		Fish cum Poultry	0.26	2	2	1	1	Fingerling,Lime, Khaki campbell duckling and feed	May	-	On going		
20		Jainti Rohu	0.52	2	2	1	1	Catla, Mrigal, Grasscarp, Silver carp, common carp	May	-	On going		
21		Composite fish culture	0.39	2	2	1	1	Fingerling,Lime and feed	May	-	On going		

7. FARM PRODUCTION PROGRAMME -NIL

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

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.	Paddy	Ranjit Sub 1	5 ha	Certified	210 Q	210 Q	Dept. Of Agriculture, Dhemaji	4,20,000.00
		Bahadur Sub 1	2.5 ha					
2.	Toria	2ha	TS36	Certified	20 Q	-	-	-

9. DETAILS OF INVOLVEMENT IN RAWEP/FWEP/RHWP: No. of RAWEP programme : 1

Total No. Of Student allotted : 35

Faculty : Agriculture

Students under the RAWEP was allotted to KVK Dhemaji during 2021-22 and the programme has started in February 2021. There were 35 nos. of students under the faculty of Agriculture from different colleges of Agriculture under AAU, Jorhat. One village, Jalakiasuti has been allotted to them for work experience of the students.

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

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	2021-22	KVK, Dhemaji	KVK, Newsletter	English
2	2021-22	Binita Konwar	Popular article - <i>Xaak pasolir bigyan sanmat krishi pronali</i>	Assamese
3.	2021-22	A.K. Borthakur	Book chapter on Arthropod allergens	English
4.	2021-22	A.K. Saikia		

12. TECHNOLOGY SHOWCASING: NIL

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
Conducted	23/03/202	<ol style="list-style-type: none"> 1. Associate Dean, L.C.V.Sc., AAU, North Lakhimpur 2. Chief Scientist, RARS, North Lakhimpur 3. The DAO, Dhemaji 4. The DVO, Dhemaji 5. General Manager, DIC, Dhemaji 6. Divisional Officer, Soil Conservation, Dhemaji-Jonai 7. Lead Bank Manager, Dhemaji 8. Dairy Development Officer, Dhemaji 9. DPM, ASRM, Dhemaji 10. DFDO, Dhemaji 11. Assistant Director, Sericulture, Dhemaji 12. Project Officer, IGSSS (NGO) Gogamukh 13. Director, RVC (NGO), Akajan, Dhemaji 	35

14. RKVY ACTIVITIES -NIL

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	20	2	Anuj Doley Vill.-Shantipur Zengrai 20.02.22	10	2,40,000.00	
2.	Commercial cultivation of vegetables	27	3	1. Sri Debajit Changmai Vill: Mothadang, Sripani, Dhemaji 30.04.2020	0.26 ha	56000.00	
				2. Sri Bhaben Saloi, Vill: Nilakh Tarani Pathar, Dist: Dhemaji 11.09.2020	0.26 ha	2,00,000.00	
				3. Arun Bhuyan Village-Gainodi Dist: Dhemaji 10.05.2020	0.26 ha	1,60,000.00	
4.	Pig production	20	2	1. Sri Stephen Kutum Deepa, Simen chapori, Dhemaji	22 nos pigs	320000.00	
				2 Sri Jitu Sonowal Vill: Salakhani Malinipur, Silapathar	6 nos	64000.00	
5.	Mushroom production	20	1	Sri Jitu Gogoi Vill: Chinai Chuk Eradhal, Dhemaji	800 beds	54000.00	

6.	Honey bee	24	1	Pabhoi Moupalan Samitee Sri Dilip Borgohain Vill: Kuwafola, Dhemaji	20 units	Started	
----	-----------	----	---	--	----------	---------	--

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

Success story: I

Mr. Stephen Kutum a successful pig farmer

Along with agriculture, livestock rearing is one of the major means of livelihood among the farming community of Dhemaji district. Pig rearing is main livestock practiced by the farmers as around 50 percent of the population of the district is tribal people. Nowadays pig farming is becoming an emerging enterprise among the livestock farmers. Due to numbers of campaign by KVK Dhemaji few farmers especially youths are coming forward in commercial pig farming in the district in nearby town areas of Silapathar, Dhemaji, Simen Chapori and Gogamukh.

Mr. Stephen Kutum at his age of 40 years from Dipa village of Simen Chapori block is one of such pig farmers who set an example for others through his continuous and tireless effort in commercial pig farming. To support his family at first he has started traditional pig farming with only three local breed of pig in 2014. Although he was interested in piggery, he was reluctant to do commercially as he had no technical knowledge on it. Once he started visiting Krishi Vigyan Kendra, Dhemaji and discussed about opening of piggery, the Sr. Scientist & Head along with concern scientist inspired him a lot and helped in building confidence to start the unit and assured all possible technical guidance. He has taken part in different trainings organized by KVK, Dhemaji on various topics regarding pig farming. Observing his interest, KVK suggested him for rearing highly producing pig breeds and its cross. He took the opportunity with both the hands and improved the condition of the farm year after year. He managed to have a power tiller from his savings and also engaged in paddy cultivation in his small holding of land.

Today, he is maintaining 130 numbers of Yorkshire, Large black and Hampshire cross along with 35 sow in 1 bigha of land. Within 11-12 months each sow delivered 8-12 nos. of piglets in the first batch. The piglets were reared up to 60-75 days of age and sold at Rs. 5,500 - 6000/- each. He expressed a great satisfaction while he sold the piglets as there is huge demand of improved piglets. He used to sell almost 200 piglets in one year. He spends around Rs. 2,500-3,000/- per month on purchasing some of the feed ingredients like broken rice, rice bran etc. and medicines, vaccines etc. He also used left-over rice, kitchen waste etc. for feeding of pigs. According to Mr. Kutum his net income is Rs. 300000/-.

Mr Stephen Kutum really set an example of self employed rural youth through pig farming instead of waiting for government jobs. He might be a model farmer for attracting and retaining rural youth in farming sector in the district. This is proud for KVK Dhemaji that he always acknowledges the services receive from KVK and guidance for showing the path of success.





Success story: II

Success Story of Sri Ganeswar Pait

Situation analysis/Problem statement:

Agriculture is the main sources of livelihood in Dhemaji district, in an around 85 percent populations are directly and indirectly dependent on agriculture. Now a days some of the cultivable sources of land are degradable due to high rate of population growth, climate change, unpredicted flood during summer etc. So, for coup the agriculture sector in this situation we need some eco-friendly technologies to aware among all the farmers of the district. There is lots of scope for organic cultivation in the district as the farmers of the district are reluctant to use chemical fertilizers. For this, knowledge on in situ production and use of organic input is needed.

Mr. Ganeswar Pait, S/o. Atul Pait of village: Sitalmari, P.O.-Kulajan , Dhemaji is an example of successful farmer of the district. Mr. Pait akes his education upto B.com, now actively engaged in vermicompost production.

Plan, Implement and Support:

He came in contact with the scientist of Krishi Vigyan Kendra, Dhemaji through a vocational training on “low cost vermicompost production technology” in the Sitalmari village in the year 2020-21. During the training, the earthworm species *Eudrillus eugineae* was release in the tanks and thus the Vermicompost production has been started in his tank. The technology of low cost vermi compost production is given by ACRIPDA BNCA centre AAU, Biswanath Chariali which required Rs.3,500.00 (Rupees three thousand five hundred) only to construct a tank (measuring 2.5mx 0.91mx 0.76m) with locally available bamboo, thatch and plastic sheet including required quantity of earth worms.

Output:

He is regularly producing vermicompost in commercial scale as well as to use his own cultivation practice. At present three numbers of tank are in year round production. From those tanks he was able to produce 72 qt of vermicompost/yr. During last year, he is able to sell 45 qt. ready compost @ Rs.10.00/kg along with 30 kgs earth worm @ Rs.1500.00/kg to others. Mr. Pait has also been supplying the Vermi- wash and thereby earning an additional income to improve his livelihood.

Outcome:

Getting encouraged from the flow of income and benefit in his filed each farmer started to construct tanks by their own in the village Sitalmari. In the village 10 farmers constructed low cost unit with their own cost.

Impact:

The low cost vermicompost production technology is very farmer’s friendly one and easily can adopted by the farmer. Application of vermicompost in crop field helps in maintaining soil health. The shortage of organic fertilizer in organic crop production specially in vegetable crop both in household and commercial level to a certain extent fulfilled by production of vermicompost. Low cost production technology helps in availability of the quality compost in affordable price. It also helps the farmer in following integrated nutrient management technology in different crop.

Photographs





Release of Earthworms to the tank



Success story: III

Success Story of Sri. Bhubon Pegu “Success among adversities”

Situation analysis:

Agriculture is the main source of livelihood for the people in Dhemaji district and around 85 percent of the population are directly and indirectly dependent on agriculture and allied activities. Land holdings of most of the farmers are not much and the rice cultivation is totally dependent of rain water leading to very uncertain income for sustainable livelihood. Sri. Bhubon Pegu, village- Arney Chapori, P.O.-Silapathar under Sissiborgaon ADO circle, Dhemaji is also such a farmer. He is having 2.26 ha of land area out of which he have 2.00 ha of lowland which mainly affected by flood during the monsoon and the heavy rainy days due to the geographical situation. He is totally dependent on the Rabi season for his earnings as he is mainly a vegetable grower who took production and marketing on his own. Though he is very hard working farmer, he could

not able to run his family in comfortable way to his satisfaction. He is able to earn an amount of Rs. 2.00 – 2.50 lakh per year in the year 2017-18 from which he could hardly manage his family's livelihood, consisting of 3 child and wife.

Plan, Implement and Support:

. Sri. Bhubon Pegu was interested in farming and was already actively engaged in farming. He approached KVK Dhemaji seeking help to conduct demonstration on early season Tomato cultivation during 2020, so that he could know the new technologies involved in farming. With this objective of using improved technologies he marched forward towards farming and managed to do the same with early season vegetable cultivation in the available areas starting from leafy vegetables to late season cole crops. He was also given a training on scientific cultivation of summer vegetables during 2021 June for efficient use of his resources.. Looking at his interest , he was given a demonstration on “ Introduction of watermelon in Sand and silt deposited areas of Dhemaji district” He took the opportunity with both the hands and started Watermelon cultivation in the sand and silt deposited areas with all zeal and cultivated the same in his areas phase wise , to make available the fruits in makten throughout the season.

At the same time Sri Pegu came in contact with other scientists of KVK and got advice in various aspects on Paddy and Animal sector. He started sowing flood tolerant HYV rice varieties and also used the land area basically used for rice cultivation for vegetable cultivation after harvesting rice. He started cultivating pumpkin, cucumber, cowpea, ground nut *etc.* in the fields after harvesting rice, thereby he converted all of his cultivable land to double cropping system, and started rearing poultry for commercial use. With the technical inputs from KVK he also started a low cost vermicompost unit in his backyard and the produce of the unit in his vegetable fields at this point of time and expecting to produce commercially I coming days.

Now the things have been changed for Sri Pegu after coming in contact with the scientists of Krishi Vigyan Kendra, Dhemaji. Due to his hard work and sincerity he reaped success in every crop he cultivated due to timely required advice from KKV scientists in terms of crop and variety selection and other managemental aspects as well as disease and pest control measures.



Output:

Adopting the HYV of rice he earned around Rs. 25,000.00 from the area of 1.00 ha. By cultivating pumpkin in 0.39 ha. of land after harvesting rice he earned about Rs. 30,000.00. In the same way by cultivating cucumber and cowpea in 0.13 and 0.067 ha of land, post rice harvesting, he earned about Rs. 20,000.00 and Rs. 15,000.00, respectively in last year. Sri Pegu also earned Rs. 1,00,000.00 from early leafy vegetable sale and an amount of Rs. 1.80,000.00 from king chilli . His watermelon has captured the local market and is able to reap an amount of Rs. 1,50,000.00

during the last year. He rabi vegetables including Garden Pea, Cole crops , tomato fetch an handsome amount of Rs. 1,50,000.00. Thus, his annual income in last year became around Rs. 6,70,000.00 from all the components and running his livelihood in very comfortable condition.

Outcome:

In a span of 2 years, the annual income of Sri Pegu increased by around 2.7 times and he now became a model farmer to the people of that area and expected to be followed by fellow farmers of the area .

Phoghraps of activities from the fields of Sri. Bhubon Pegu	
	
Cultivation of Water melon	Cultivation of Bhut Jolokia

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

19. 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	Neelakshi Bhuyan	Training of Trainers(ToTs) on certificate course on Integrated Nutrient Management for	MANAGE	Online	01-09-21 03-09-21

		Fertiliser Dealers (CCINM)			
2	Neelakshi Bhuyan	ASSOCHAM's Webinar on Severe Acute Malnutrition		Online	12-08-21
3	Neelakshi Bhuyan	Capacity building series session on Making a life versus Making a living		Online	26-08-21
4	Neelakshi Bhuyan	Training on medicinal and aromatic plants under AYUSH	DEE,AAU	AAU,Jorhat	22.02.22-23.02.22
5		Training on medicinal and aromatic plants under AYUSH	DEE,AAU	AAU,Jorhat	22.02.22-23.02.22
6	Binita Konwar	Training of Trainers(ToTs) on certificate course on Integrated Nutrient Management for Fertiliser Dealers (CCINM)	MANAGE	Online	01-09-21 03-09-21
7		HRD Training on Horticulture	DEE, AAU	AAU,Jorhat	12.11.21-13.11.21
8		Improved production technologies in Horticulture crops	IIHR	Bangalore	05.01.22-07.01.22

20. RADIO TALK/TV PROGRAMME

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
---------	--------------------	-------------------	---	--

1	Women Empowerment	8.04.21	Dibrugarh	Manuranjan Gogoi
2	<i>Rabi sasyar kheti pradhati</i>	15.09.21	Dibrugarh	Binita Konwar

21. 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]
Popular article - <i>Xaak pasolir bigyan sanmat krishi pronali</i>	Konwar. B	2021	<i>Prasikhon Haat Puthi</i>	PP 153
Arthropod allergens (Book chapter)	Borthakur, A.K.	2021	New Vistas in Entomology	pp-1-16
RECENT RESEARCH TRENDS IN VETERINARY SCIENCES AND ANIMAL HUSBANDRY	Ashim Kumar Saikia	2021	Volume – 10 (Published by AkiNik Publications, #169, C-11, Sector - 3, Rohini, Delhi-110085, India) Chief Editor: Dr. Subha Ganguly	-
Book Chapter ‘	Ashim Kumar Saikia	2021	<i>Samannita Krishi Paddhati</i> published by KVK, Morigaon	
Economic Analysis of Kamrupa Compared to Local Chicken Production in Assam under Backyard System of Rearing	Saikia, Ashim Kr., Gogoi, G., Neog M.,	2021	<i>Asian Journal of Agricultural Extension, Economics & Sociology</i>	39(11); 408-413

(Gunjan Gogoi)
Sr. Scientist & Head
KVK, Dhemaji