

**Name of the KVK** : KVK, Kokrajhar

**Year of Establishment** : 1985

**Total area under Building, Road, etc.** : 1.5 ha

**Total area under Farm** : 9.5 ha

**Office Telephone No.** : -

**Fax No.** : -

**e-mail** : kvk\_kokrajhar@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. Sunil Kumar Paul	Sr. Scientist & Head (i/c)	Plant Breeding and Genetics	12.04.2022	78967 93028	kvk_kokrajhar@aau.ac.in
2.	Mr. Goutom Bhagawati	Subject Matter Specialist	Plant Protection	03.02.2014	7086668106	goutombhagawati@gmail.com
3.	Ms. Puja Basumatary		Horticulture	16.10.2015	7002320284	poojabasumatary@yahoo.com
4.	Dr. Bhupen Kumar Baishya		Soil Science	19.10.2016	9706169878	bkbaisya@gmail.com
5.	Mrs. Porna Sarmah		Community Science	31.01.2015	9435286898	porna.s.chakravarty@gmail.com
6.	Dr. Nilotpal Das		Animal Science	11.08.2018	8638417215	Nilotpaldas4@gmail.com
7.	Mis Priyanka Bora		Agronomy	15.02.2022	8638142066	borapriyanka91@gmail.com
8.	Mr. Dipangka Saikia	Programme Assistant	Fishery Science	04.09.2019	9854024838	sdipankar86@gmail.com
9.	Mr. Mridul Kumar Haloi		Computer	13.09.2011	9954238002	mridulkumar.haloi@gmail.com

			applications			
10.	Mr. Partha Jyoti Bora	Farm Manager	Plant Breeding and Genetics	30.08.2019	9101584702	parthaborah382@gmail.com
11.	Mr. Akhil Roy Choudhury	Office Supdt. Cum accountant	Accountancy	10.11.2014	9435076761	akhilrchoudhury@gmail.com
12.	Mr. Bikram Borah	Stenographer	Stenography (English)	31.01.2019	9401906462	Bikramborah111@gmail.com
13.	Mr. Sabed Ali Sheikh	Driver cum Mechanic	-	22.02.2012	8876990931	-
14.	Mr. Sikandar Basumatary		-	28.11.2016	9706967835	-

## 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										
	Agronomy	1	Agronomic management practices of fodder crops	2	2	10	10	3	2	25	
		2	Irrigation management in ahu rice			4	0	16	5	25	
	Horticulture	1	Biofortification in fruits and vegetables Crops for nutritional security and to alleviate	4	4	-	7	-	18	25	
		2	Commercial cultivation			-	16	-	14	30	

			techniques of highly remunerative medicinal crop Stevia								
		3	Scientific cultivation technology of major tuber crops of Kokrajhar district			-	-	-	26	26	
		4	Training on medicinal plant component of National Ayush Mission			2	0	8	18	28	
	Plant Protection	1	Diseases and management of Tomato and chilli	3	3	15	11	-	-	26	
		2	Integrated management of mealy bug in vegetable crop			-	-	16	9	25	
		3	Integrated pest management of kharif vegetables			4	-	15	6	25	
	Animal Science	1	Commercial management of scientific	7	7	17	11	10	2	40	

			goat farming									
		2	Livestock based integrated farming system			5	6	24	5	40		
		3	Nutrition, housing and healthcare management for pig of different categories			25	12	3	0	40		
		4	Nutritional management of dairy cows with reference to preparation of UTPS and silage			10	2	5	8	25		
		5	Production and scientific management of dairy farming			2	12	11	15	40		
		6	Scientific management of Goat			-	-	2	23	25		
		7	Scientific rearing of poultry & duck for income generation of Rural people			17	6	12	5	40		

	Soil Science	1	Role of Zinc & Boron for paddy	4	4	0	0	12	13	25	
		2	Management of soil acidity for oilseed and pulse crop			0	0	24	1	25	
		3	Integrated nutrient management of Sali Rice			-	-	16	9	25	
		4	Fertilizer use efficiency of field crops			12	13	-	-	25	
	Fishery Science	1	Integrated Duck fish culture	5	5	0	0	15	5	20	
		2	Integrated pig fish horticulture			14	6	0	0	20	
		3	Pre and post stocking management of fish ponds			19	1	5	-	25	
		4	Precautions and prophylactic measures to avoid fish diseases			0	0	20	0	20	
		5	Production of hotel size fish			7	1	12	0	20	
<b>B.</b>	<b>Rural Youth</b>										

	Agriculture										
	Horticulture	1	Commercial cultivation techniques of highly remunerative fruit crops	2	2	4	14	5	3	26	
		2	Vocational training on Commercial nursery management and propagation techniques of major Horticultural crops			1	7	4	9	21	
	Animal Husbandry	1	Commercial pig farming	5	5	14	4	2	0	20	
		2	Common disease of poultry, its management & control measures			25	-	-	-	25	
		3	Diseases of pig with reference to classical swine fever, it's management and control measures			8	17	0	0	25	

		4	Integrated duck cum fish farming for doubling farmers income generation			24	1	-	-	25	
		5	Vocational training on commercial pig farming			10	-	5	-	15	
	THT										
	Community Science	1	Communicable and life style diseases	6	6	1	19	0	0	20	
		2	Drudgery reduction techniques for farm women			0	20	-	-	20	
		3	Household nutritional security through nutritional gardening			0	12	0	8	20	
		4	Preservation of fruits & vegetables through pickling			0	6	0	14	20	
		5	Safe hand			0	10	0	10	20	

			washing practices								
		6	Value addition of fabric through tie and dye			1	19	0	0	20	
	Sericulture										
	Plant Pathology										
	Entomology	1	Scientific production technology of Oyster mushroom and its value addition	1	1	6	3	9	7	25	
	Apiary										
	Soil Science	1	Water harvesting and soil water conservation practices	2	2	-	21	-	4	25	
		2	15 Days Input dealers training			-	-	24	-	24	
	Fishery Science	1	Skill development training on farmers level value addition of fish and fish	1	1	2	1	5	7	15	



			products for Atmanirvar Assam								
	Agril. Engg.										
	Plant Breeding										
	Others										
C	<b>Extension Functionary</b>										
	Agriculture										
	Horticulture	1	Biofortificati on of fruits & vegetables crops for nutrition security	1	1	19	-	4	-	23	
	Animal Husbandry										
	Fishery										
	Community Science	1	Boostering immunity through locally available food	1	1	-	6	-	14	20	
	Sericulture										
	Plant Pathology										
	Entomology	1	Recent developments in pest management strategies	2	2	13	4	6	2	25	
		2	Use of bio- pesticides			0	2	0	23	25	

			and other bioagents in organic agriculture								
	Apiary										
	Soil Science	1	Production technology of Azolla	1	1	0	13	0	12	25	
	Agril. Engg.										
	Plant Breeding										
	Others										
D.	Any other										
	APART Project	1	Quality seed production training	27	27	9	16	0	0	25	
		2	1 day training on Best management practices			9	7	1	13	30	
		3	Awareness meeting on Sali paddy			5	17	2	6	30	
		4	2 days training on strengthenin g FPC on RVC through mechanizatio n under APART			2	2	21	-	25	
		5	2 days training on direct seeding of			1	-	19	-	20	

			Rice & integrated weed management under APART									
		6	2 days training on portable rice mill under APART			1	-	19	-	20		
		7	Training on FLD Blackgram under APART			13	-	9	3	25		
		8	Rice knowledge bank usage training under APART			1	16	1	12	30		
		9	Training on post harvest machineries under APART			3	4	6	17	30		
		10	Demonstration on post harvest machineries under APART			4	7	10	9	30		
		11	Training on FLD on Blackgram			0	0	20	5	25		

			under APART								
		12	Training on FLD on Blackgram under APART			39	11	0	0	50	
		13	Management & maintenance training on Rice Knowledge Bank under APART			4	-	21	5	30	
		14	Demonstrati on on Rice value chain under APART			-	25	-	5	30	
		15	Demonstrati on on Post Harvest Machinery			1	5	-	24	30	
		16	Field testing of RKB under APART			0	5	17	8	30	
		17	Training on post harvest machineries under APART			0	0	13	17	30	
		18	Demonstrati on on Post harvest			11	0	18	1	30	

			machineries (Boro) under APART									
		19	Training on Post harvest machineries (Boro) under APART			11	1	12	6	20		
		20	Training on Post harvest machineries (Boro) under APART			0	13	0	12	25		
		21	Demonstrati on on Post harvest machineries (Boro) under APART			0	12	0	18	30		
		22	Quality seed production training under APART			5	1	19	0	25		
		23	Mat type nursery and mechanical transplanter by involving manufacturer under APART			1	0	20	0	21		
		24	Post harvest management of Rice under			2	9	4	7	22		

			APART								
		25	Demonstration on post harvest and Rice value chain machineries Under APART			1	2	15	7	25	
		26	Post harvest management (reaper and Thresher) Under APART			0	0	22	0	22	
		27	Crop show on MTPR demonstration Under APART			2	0	19	4	25	

### 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.	Input dealers training	15-30 November, 2021	0	0	24	0	0	0	Dept. of Agriculture, Govt. of India
2.	Commercial pig farming	23-28 March, 2022	0	14	2	0	4	0	NABARD
3.	Commercial management of scientific goat farming	19-21 January, 2022	7	10	10	0	11	2	Ministry of Fisheries, Animal Husbandry and Dairying, Govt. of India
4.	Livestock based integrated farming	9-11 March,	0	5	24	0	6	5	

	system	2022							
5.	Nutrition, housing and healthcare management for pig of different categories	26 February to 1 March, 2022	5	20	3	0	12	0	
6.	Production and scientific management of dairy farming	2-4 March, 2022	0	2	11	0	12	15	
7.	Scientific rearing of poultry & duck for income generation of Rural people	27-29 January, 2022	7	10	12	0	6	5	

#### 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		
	Field Days	22	22	13-11-2021 16-11-2021 17-11-2021 22-11-2021 23-11-2021 25-11-2021 15-12-2021 18-12-2021 20-12-2021 23-12-2021 28-12-2021 05-01-2022 09-02-2022 02.03-2022 09-03-2022 17-03-2022 21-03-2022 24-03-2022 30-03-2022 31-03-2022	Hatigarh Bharat Nagar Koklingbari Khalisanimari Satbil Simaltapu Bhomrabil Kanuprar Bongaon Daikharguri Hogmabil Hangsabil Pachim Dangaimari Baruapara	ICAR, APART	122	100	193	67	482	ICAR, APART
	Diagnostic visit		17	April, 21- March 2022	Kokrajhar district	ICAR	58	69	9	2	138	ICAR
	Scientist visit to farmer`s field		33	April, 21- March 2022	Kokrajhar district	ICAR	223	221	59	41	544	ICAR
	Farmers visit to KVK		14			ICAR	309	288	362	404	1363	ICAR
	Animal health/ Vaccination camp		2	06-09-2021 06-10-2021	Bangtijhora Thakampur	ICAR	25	19	26	22	92	ICAR



	Method demonstration		12	April, 21-March 2022	Kokrajhar district	ICAR	103	61	77	42	283	ICAR
	Group discussion		7	April, 21-March 2022	Kokrajhar district	ICAR	47	10	30	8	95	ICAR
	Exposure visit		1	02-09.2021	Hatigarh	ICAR	19	0	3	3	25	ICAR
	Advisory /helpline service		15	April, 21-March 2022	Kokrajhar district	ICAR	42	20	18	16	96	ICAR
	Research Publication		3	April, 21-March 2022	Kokrajhar district	ICAR	-	-	-	-	-	ICAR
	Leaflet/ Research article/ Video		18	April, 21-March 2022	Kokrajhar district	ICAR	-	-	-	-	-	ICAR
	TV Programme		4	April, 21-March 2022	Kokrajhar district	ICAR	-	-	-	-	-	ICAR
	Lecture delivered		10	April, 21-March 2022	Kokrajhar district	ICAR	802	896	274	419	2391	ICAR
	News paper coverage		6	April, 21-March 2022	Kokrajhar district	ICAR	-	-	-	-	-	ICAR
	Awareness programme		16	April, 21-March 2022	Online mode	-	87	16	146	100	349	-
	Celebration of World Bee Day		1	20.05.2021	Online mode	-	3	3	11	8	25	-
	Celebration of World Milk Day		1	01.06.2021	Online mode	-	7	6	8	2	23	-
	Celebration of National fish farmers day		1	10.07.2021	Hatigarh	ICAR	8	-	12	-	18	ICAR
	Azadi ka Amrit Mohotsav- Food and nutrition to farmers		1	26.08.2021	KVK, Kokrajhar	ICAR	8	14	9	9	40	ICAR
	Hon'ble Prime Minister's address to the farmers on Climate Resilient Agriculture Technologies		1	28.09.2021	KVK, Kokrajhar	ICAR	37	52	46	70	205	ICAR

	National Campaign On 'AYUSH Apke Dwar Mein'		1	01.09.2021	Manglajhora	ICAR	27	13	0	0	40	ICAR
	Poshan Vatika Mahabhiyan & Tree Plantation		1	17.09.2021	KVK, Kokrajhar	ICAR	0	26	0	74	100	ICAR
	Jal Shakti Abhiyan		1	17.09.2021	KVK, Kokrajhar	ICAR	0	26	0	74	100	ICAR
	Mahila Kisan Diwas		1	15.10.2021	KVK, Kokrajhar	ICAR	-	17	-	34	50	ICAR
	World Food day		1	16.10.2021	KVK, Kokrajhar	ICAR	0	20	0	30	50	ICAR
	Jal Shakti Abhiyan		1	16.10.2021	KVK, Kokrajhar	ICAR	0	20	0	30	50	ICAR
	Swachhta hi sev		1	12.10.2021	Koklingbari	ICAR	39	11	0	0	50	ICAR
	World Soil Day		1	05.12.2021	KVK, Kokrajhar	ICAR	21	0	19	10	50	ICAR
	PM address to Kisan on Natural Farming		1	16.12.2021	KVK, Kokrajhar	ICAR	29	31	35	55	150	ICAR
	Swachhta hi seva		1	16-31 December, 2021	KVK campus, Koklingbari, Babubil, Besarkona, Bongaon, Harjhora, Mornai, Baruapara	ICAR	93	71	69	52	285	ICAR
	National Farmer Day (Kisan Diwas)		1	23.12.2021	Bongaon	ICAR	0	0	19	6	25	ICAR
	National Girls Child day		1	24.01.2022	Grahmpur	ICAR	0	10	0	20	30	ICAR
	World pulse day		1	10.02.2022	Daikharguri	ICAR	0	42	5	3	50	ICAR

### 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	Varietal performance of French bean variety Arka Komal and Arka Suvidha	ICAR-IIHR, Bengaluru	5	5	5	Binod Roy, Mrinal Kalita, Kanchan Mala, Tarinikanta Daimary, Sonali, Mushahary	Grahampur, Joyma, Hawriapret, Ramdew, Shyamdasguri	Arka Komal performed better than Arka Suvidha in terms of yield attributing characters, skin of pods are rough as compare to smooth skin varieties available in the market	Not Required	3.30
2	Evaluation of Bio-fortified Sweet potato variety Bhu Sona and Bhu Krishna	ICAR-CTCRI, 2017	4	4	4	Rasida Begum, Puspanath Barman, Azufa Begum, Norjina Khatun	Rupsigaon, Khulisamani, Hongsobil	Farmers accepted both the variety	Not Required	2.36
3	Combined effect of zinc and boron on hybrid rice (Var.- PAC-8744)	AAU, Jorhat	2	2	2	Munin Roy Madhab Barman	Kholisanimari, Basantipur	Farmer's accepted the technology and will practice combined application of Zn & B on	Not Required	2.71

								hybrid rice		
4	Effect of furrow application of lime on growth and yield of potato in acid soil	ICAR, NEH Barapani	5	5	5	Subhankar Barman Binod Roy Ajit Barman Sushil Barman Ananda Barman	Khalisanimari, Joyma No 1, Goladangi no 1, Goladangi No 2, Satbil	Farmer's accepted the technology and wish to apply lime on potato	Not Required	2.32
5	Efficacy of IPM strategies against papaya mealy bug (Paracoccus marginatus).	AAU, Jorhat	3	3	3	Vinod Roy Pronoy Brahma Manoj Kr. Brahma	Joyma, Manglajhora, Koklingbari	Farmer's accepted the technology and found satisfactory	Required (Inclusion of sticky band at the base of plant, may be more effective)	3.3
6	Performance of BV-380 chicken under semi intensive system of rearing	Venkateshwara Research & Breeding farm & AICRP Poultry breeding, AAU	3	3	3	Ananata Brahma Aowar Hussain Dingdong Roy	Hogmabil, No 1 Hudumkhata, Khukshi	Farmer's accepted the technology and found satisfactory	Not Required	NA
7	Performance of HD-K75 variety of pig under intensive system of rearing in Kokrajhar District	AICRP on Pig, AAU, Khanapara, Assam	3	3	3	Kartik Narzary Gitanjali Brahma Lalmohan Tudu	Sialmari, Gossaigaon W/N 4, Panbari no 2	Farmer's accepted the technology and found satisfactory	Not Required	NA
8	Differential feeding pattern of eri silkworm and its effect on cocoon quality in Kokrajhar district	Dept of Sericulture, AAU, Jorhat	3	3	3	Rina Narzary Budhrai Goyari Bihula Narzary	Bhawrawgwja, Burachara	Farmers accepted that feeding eri larvae with tapioca leaves is more better than feeding with	Not Required	NA

								sagun leaves		
9	Effect of Morianga Oleifera ( Drumstick) in cleaning of water.	University of Gondar, Uthiopia, 2016	4	4	4	Rohila Goyari Mungli Hembrom Ratima Narzary Bimala Tudu	Gossaigoan, Bajugoan, Harafuta	Seed kernel of Moringa is able to settle down the turbidity of water. It also helps to reduce the pathogenic count in water	Not Required	NA
10	Post harvest technology of muga cocoon		4	4	4	Sumala Rai Dharitri Rajbongshi Kamala Mushahary Budhrai Goyari	Goibari, Naiyetgaon	Slippery substance such as ou tenga is more effective during reeling of yarn from muga cocoon than other slippery substances such as monisal seed, bark of Cochin Goroka and non ionic liquid detergent	Not Required	NA
11	Fusion of traditional motif and design of Rabha and Bodo community of Assam to produce diversified hand-woven products through CAD	C.C.Sc, Dept - TAD	3	3	3	Rima sarmah Ranjita Mushahary Rina narzary	Hatibandha, Gossaigoan, Bhomrabail	Amalgamation of Rabha & Bodo design through CAD technology is able to provide diversified motif and design and can be effectively used in future	Not Required	NA

### 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	Sali Rice	Ranjit sub 1	2.0	10	10	0	10	Seed, Fertilizer, Bio-fertilizer	15.06.2021	15.12.2021	53.0	45.0	
2	Pumpkin	F1 hybrid variety Arjuna	0.40	6	6	3	3	Seed, fertilizer, Plant protection chemicals	15.10.2021	10.02.2022	249.08	148.3	
3	Strawberry	Winter dawn	0.012	5	5	5	-	Planting materials, Mulch films, Plant protection chemicals	28.11.2021	07.02.2022	182.93	137.636	
4	Tomato	Arka Abhed	0.67	8	8	3	5	Seed, fertilizer, Plant protection chemicals	26.12.2021	30.03.2022	1376.044	611.85	
5	Sali Rice	Ranjit sub 1	2.0	6	6	3	3	Seed, fertilizer, microbial consortia and pesticides	16.06.2021	21.11.2021	48.0	33.0	
6	Sali Rice	Ranjit sub 1	2.0	6	6	4	2	Seed, fertilizer, microbial consortia and pesticides	24.06.2021	09.11.2021	48.0	35.0	
7	Indian Beans	Falguni	0.50	10	10	2	8	Seed, Pheromone trap, Neem oil, Annapurna	16.10.2021	15.01.2022	102.0	74.0	

8	Tomato	BNT-1217 F1	0.50	10	10	2	8	Seed, Pheromone trap, Spinosad	27.09.2021	20.01.2022	136.0	105.0	
9	Banana	Malbhog	300 saplings	10	10	0	10	Saplings, Neem cake, Propiconazole	22.08.2021	Ongoing			
10	Poultry	Rainbow Rooster	315 no's	15	15	7	8	Chicks, Feed, Medicines, vaccines and feed supplement	22.07.2021	-	Body wt (6 months)- 2.32 kg	Body wt (6 months)- 0.95 kg	
11	Poultry	Kamrupa	250 no's	13	13	5	8	Chicks, Feed, Medicines, vaccines and feed supplement	09.08.2021	-	Body wt (4 months)- 1.35 kg	Body wt (4 months)- 1.11 kg	
12	Dairy (AAUVETMIN)	-	10 cows	10	10	2	8	AAUVETMIN, Anthelmintic tablet	30.09.2021	-	Avg. milk yield (2 months)- 6.2 lit	Avg. milk yield (2 months)- 5.5 lit	
13	Oats fodder	Kent		10	10	3	7	Seed, Fertilizer	27.11.2022	10.02.2022	50.0	30.0	
14	Hotel size fish	Catla, Rohu, Mrigal	0.30	3	3	1	2	Fish Yearling, medicines and vitamin mineral mix	28.05.2021	28.12.2021	33.75	7.14	
15	Integrated Duck Fish Culture	Catla, Rohu, Mrigal S. Carp C. Carp G. Carp	0.3	3	3	1	2	Fish Yearling, Duckling medicines and vitamin mineral mix	28.05.2021	05.01.2022	18.5	7.14	

16	Integrated Pig Fish Horticulture	Catla, Rohu, Mrigal S. Carp C. Carp G. Carp	0.3	3	3	2	1	Fish Yearling, Piglet medicines and vitamin mineral mix	28.05.2021	17.03.2022	39.0	10.50	
17	Low cost solar dryer to dry ripe chilli	-	5 units	5	5	3	2	Solar tent drier	-	-	-	-	Uniformly dried Crispy chilli with even color. Less Contamination
18	Fruit Harvester	-	10 units	10	10	9	1	Fruit Harvester	-	-	-	-	No. of fruit damaged (Per 30 harvested Fruits)- 2 no's FP- 21 out of 30 Time of harvesting 15 mins (Demo), FP- 58 mins



19	Natural Dye On Eri Yarn	-	4 units	4	4	4	0	Eri yarn, dye, washing soda, alum	-	-	-	-	Dye penetration and colour fastness in eri yarn with mordant is more in comparison with yarn treated without mordant
20	Blackgram (CFLD)	PU-31	20	50	49	49	-	Seed, Organic fertilizer	15.09.2021	20.12.2021	6.3	4.7	
21	Rapeseed (CFLD)	TS-36,38	20	50	50	38	12	Seed	2 <sup>nd</sup> week of November, 2021	Last week of January, 2022	10.0	7.0	
22	Bottle gourd (NEH)	Sri Long	0.81	33	33	14	19	Seed	2 <sup>nd</sup> week of November, 2021	Last week of January, 2022	171.39	165.36	
23	Carrot (NEH)	Pusa Rudhira	0.045	3	3	3	-	Seed	1 <sup>st</sup> week of November, 2021	Last week of January, 2022	108.36	102.45	
24	Garden pea (NEH)	Azad Pea- 3	0.57	11	11	1	10	Seed	2 <sup>nd</sup> week of October, 2021	18.01.2022	18.3	16.0	
25	Potato (NEH)	Kufri Jyoti	2.22	40	40	28	12	Seed	Last week of October, 2021	Last week of Feb, 2022	245.0	181.2	
26	Radish (NEH)	Chinese Pink	0.075	3	3	2	1	Seed	1 <sup>st</sup> week of November, 2021	Last week of December, 2021	220.0	176.9	
27	Spinach (NEH)	Arka Anupama	0.045	3	3	1	2	Seed	3 <sup>rd</sup> week of November, 2021	1 <sup>st</sup> week of January, 2022	55.46	50.0	

28	Coriander (NEH)	RCR728	0.5	11	11	4	7	Seed	3 <sup>rd</sup> week of November, 2021	2 <sup>nd</sup> week of January, 2022	8.0	6.0	
29	Amaranthus (NEH)	Arka Suguna	0.065	3	3	1	2	Seed	Last week of January, 2022	1 <sup>st</sup> week of January, 2022	13.33	10.2	
30	Bitter gourd (NEH)	Hyb. Nav Bharati	0.867	23	23	8	15	Seed	1 <sup>st</sup> week of November, 2021	1 <sup>st</sup> week of January, 2022	64.0	48.0	
31	Pumpkin (NEH)	Arka Suryamukhi	0.52	6	6	1	5	Seed	1 <sup>st</sup> week of November, 2021	Last week of March, 2022			
32	Bottle gourd (NEH)	Arka Bahar	0.42	6	6	3	3	Seed	1 <sup>st</sup> week of November, 2021	Last week of March, 2022	142.0	130.0	
33	Cabbage (NEH)	NSC 103 B	0.67	10	10	3	7	Seed			Few to no seed germination		
34	Blackgram (NEH)	PU-31	16.0	70	70	59	11	Seed	16.08.2021	10.11.2021	7.5	5.5	
35	Toria (NEH)	Uttara/Tapeswari	4.0	10	10	4	6	Seed	05.11.2021	30.01.2022	8.5	7.0	
36	Lentil (NEH)	WBL-77	10	23	23	20	3	Seed	15.11.2021	06.03.2022	9.5	6.5	
37	Maize (NEH)	BIO-9637	6.75	10	10	5	5	Seed	06.12.2021	25.03.2022	55.0	40.0	
38	Ground nut (NEH)	Dharani	0.33	4	4	4	0	Seed	25.09.2021	08.01.2022	10.0	8.0	
39	Chilli (NEH)	Arka Meghna	0.13	9	9	1	8	Seed	29.11.2021	30.03.2022	90.20	72.25	
40	Chilli (NEH)	Arka harita	1.0	8	8	0	8	Seed	29.11.2021	30.03.2022	87.40	72.25	
41	Tomato (NEH)	Arka Samrat	0.8	7	7	0	7	Seed	29.11.2021	30.03.2022	325.0	200.0	
42	Tomato (NEH)	Arka Rakshak	1.2	7	7	3	4	Seed	29.11.2021	30.03.2022	280.2	200.0	
43	Tomato (NEH)	Arka Abhed	0.4	7	7	3	4	Seed	29.11.2021	30.03.2022	300.0	200.0	

44	Tomato (NEH)	Arka Apeksha	0.4	4	4	0	4	Seed	29.11.2021	30.03.2022	262.3	200.0	
45	Long yard bean (NEH)	Arka Mangala	0.15	13	13	3	10	Seed	25.02.2022	Ongoing	-	-	
46	Okra (NEH)	Arka Nikita	0.1	15	15	4	11	Seed	16.03.2022	Ongoing	-	-	
47	Water melon (NEH)	-	0.08	2	2	0	2	Seed	22.11.2021	10.05.2022	286.2	294.0	

## 7. FARM PRODUCTION PROGRAMME

Sl. No.	Crop(variety)/Animal (breed)/Fish, etc.	Area under production (ha)	Qty. Produced	Qty sold	Qty unsold	Qty damaged	Total revenue (Rs.)
1.	Assam lemon		7396 nos	7396 nos	-	-	12261.00
2.	Assam lemon cuttings		647 no's	647 no's	-	-	14410.00
3.	Banana		518.18 kg	518.18 kg	-	-	12748.00
4.	Black pepper cuttings		50 no's	50 no's	-	-	750.00
5.	Broom		413 no's	413 no's	-	-	8720.00
6.	Broom samplings		1102 no's	1102 no's	-	-	1102.00
7.	Buckwheat seed (TL) var-local	1.0 ha	500.0 kg	239.4 Kg (2020-21)	500.0 kg	-	8380.00
8.	Conference hall rent	-	-	-	-	-	36000.00
9.	Coconuts	7 plants	343 no's	343 no's	-	-	6860.00
10.	Dragon Fruit saplings		75 no's	75 no's			3750.00
11.	Earthworm			8.85 kg			15800.00
12.	Eggs		85 no's	85 no's	-	-	595.00
13.	Fallen Tree	-	-	-	-	-	5500.00
14.	Gitesh	0.25 ha	500.0 kg	265 kg (2020-21)	500.0 kg	-	10070.00
15.	Goat Kid	-	6 no's	6 no's	-	-	24000.00
16.	Hybrid napier cuttings	-	18,450 no's	18,450 no's	-	-	9225.00
17.	Jackfruit	0.50 ha	-	-	-	-	55000.00
18.	Litchi	-	-	-	-	-	1570.00
19.	Mesta seed (TL)	0.13 ha	400.0 kg	281 kg (2020-21)	400.0 kg	-	21450.00
20.	Niger Seed (TL)	0.5 ha	300.0 kg	257.5 kg (2020-21)	300.0 kg	-	14200.00

21.	Numali seed	0.25 ha	600.0 kg	57 kg (2020-21)	600.0 kg	-	2166.00
22.	Paddy grain	-	-	5758 kg	-	-	72425.00
23.	Piglets	-	34 no's	34 no's	-	-	120400.00
24.	Pineapple	0.10 ha	645 no's	645 no's	-	-	12310.00
25.	Plastic bag	-	-	47 no's	-	-	470.00
26.	Potato			876.8 kg	-	-	21920.00
27.	Ranjit Sub1	1.5 ha	8000.0 kg	3779.6 kg (2020-21)	8000.0 kg	-	143625.00
28.	Tapioca	0.13 ha	51 kg	51 kg	-	-	510.00
29.	Vermi-compost	3 tanks	2663.73 kg	2663.73 kg	-	-	24872.00
30.	Rainbow Rooster chicken	-	81.63 kg	81.63 kg	-	-	28571.00
31.	Amla seedlings	-	50 no's	50 no's	-	-	500.00
32.	Colocasia	-	36 kg	36 kg	-	-	540.00
33.	Cucumber	-	61.1 kg	61.1 kg	-	-	1223.00
34.	Fish	1 pond	17.168 kg	17.168 kg	-	-	4292.00
35.	Spinach	-	34 bundles	34 bundle	-	-	340.00
36.	Banana suckers	-	446 no's	446 no's	-	-	8920.00
37.	Pipoli seedlings	-	100 no's	100 no's	-	-	800.00
38.	Sweet potato cuttings	-	6500 no's	6500 no's	-	-	13000.00
39.	Rice straw	-	10 mini trucks	10 mini truck	-	-	40,000.00
40.	Pineapple suckers	-	970 no's	970 no's	-	-	3640.00
41.	Bamboo	-	-	-	-	-	138000.00
42.	Tapioca cuttings	0.13 ha	3704 no's	3704 no's	-	-	11112.00

#### 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.	Sali rice	Ranjit Sub 1	1.5 ha	Foundation seed	80.0	3779.6 kg (2020-21)	Farmers and KVKs	143625.00
2.	Sali rice	Gitesh	0.25 ha		5.0 q	265 kg	Farmers and KVKs	10070.00

						(2020-21)		
3.	Sali rice	Numali	0.25 ha	TL seed	6.0 q	57 kg (2020-21)	Farmers and KVKs	2166.00
4.	Mesta	HC-583	0.13 ha		4.0 q	281 kg (2020-21)	Farmers	21450.00
5.	Buckwheat	Local	1.00 ha		5.0 q	239.4 Kg (2020-21)	Farmers	8380.00
6.	Niger	NG1	0.5 ha	-	3.0 q	257.5 kg (2020-21)	Farmers	14200.00
7.	Citrus	Assam Lemon	-	-	8947 no's	7396 nos	Farmers	12261.00
8.	Pineapple	Kew	-	-	970 no's	970 no's	Farmers	3640.00
9.	Tapioca	Sree Jaya & Sree Vijoya	-	-	5000 no's	3704 no's	Farmers	11112.00
10.	Sweet potato	Bhu Sona & Bhu Krishna			6500 no's	6500 no's	Farmers	13000.00
11.	Banana	Malbhog	Under Shed net house	-	12210 no's	446 no's	Farmers	8920.00
12.	Tomato	Arka Samrat, Arka Abhed, Arka Rakshak , Round		-	1000 no's	-	Farmers	-
13.	Brinjal	PH-5		-	1000 no's	-	Farmers	-
14.	Chilli	Arka Meghna		-	1000 no's	-	Farmers	-
15.	Fodder	Hybrid Napier	-	-	18450 no's	-	Farmers	-

#### 9. DETAILS OF INVOLVEMENT IN RAWEP/FWEP/RHWEP: NIL

#### 10. SOIL TESTING LABORATORY STATUS (MONTH-WISE)

Month	No. of	No. of	Farmer's	Name of	pH of	Major elements analysed	Name of	Remarks,
-------	--------	--------	----------	---------	-------	-------------------------	---------	----------

	sample received with date	sample analysed with date	name	place/village from where soil sample was collected	the sample	N	P	K	the scientists associated with analysis	if any
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	2022	Dr. Nilotpal Das Mr. Dipangka Saikia Dr. Manoj Kumar Bhuyan	Gahari powalir hagani (piglet diarrhea) aru iar pratikar	Assamese
2			Sagolir rog aru iar pratikar	
3			Gharachia paxu paxir tikakaranr xamay suchi	
4			Samannita hah arum mas palan	
5			Bigyan Sanmata go palan	
6			Bigyan sanmata gahori palan	
7	2022	Puja Basumatary Dr. Manoj Kumar Bhuyan	Stevia scientific cultivation & its importance	English
8	2022	Porna Sarmah	Food that boost immunity	English
9	2022	Porna Sarmah	Anti viral food	English

10	2022	Porna Sarmah Dr. Manoj Kr. Bhuyan Dr. Prasanna Kr. Pathak Dr. A.K. Tripathi	Poshan atlas of Kokrajhar district (with special reference to Bodo community)	English
11	2022	Goutom Bhagawati Porna Sarmah Dr. M.K. Bhuyan	Scientific method of organic mushroom production and value addition	Englissh
12	2022	Dr. M.K. Bhuyan Porna Sarmah Puja Basumatary Goutom Bhagawati Dr. N. Das	Annual report on ARYA 2021-22	English
13	2022	Porna Sarmah Dr. M.K. Bhuyan	Scientific method of Eri silkworm rearing	English
14	2021	Porna Sarmah Dr. M. K. Bhuyan	Youtube video “Under utilized fruits of Kokrajhar district and its health benefits”	Assamese & English
15	2021	Porna Sarmah Dr. M. K. Bhuyan	Youtube video “Vitamin deficiency disease and food source”	Hindi
16	2021	Porna Sarmah Dr. M. K. Bhuyan P Basumatary G Bhagawati Dr. N Das	Youtube video “ARYA in KVK Kokrajhar”	Assamese
17	2021	Porna Sarmah Nandita Bhattacharya Dr. M. K. Bhuyan	Youtube video “Small effort towards entrepreneurship development and women empowerment”	Assamese
18	2021	P Sarmah	Youtube video “My experience- working mother & lactating women”	Assamese

**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
1	29.03.2022	Directorate of Extension Education, AAU, Jorhat Associate Dean, SCS College of Agriculture, Dhubri Chief Scientist, RARS, Gossaigaon Department of Agriculture, Kokrajhar district Department of Fisheries, Kokrajhar District NABARD, Kokrajhar DICC, Kokrajhar Department of Soil Conservation, Kokrajhar district	27

**14. RKVY ACTIVITIES****A.**

List of equipment/animal produced under RKVY	Year of purchase	Remarks
1. Motorized Knapsack Sprayer (2 nos.)	2009	Working
2. Knapsack Power Duster	2009	Working
3. Knapsack sprayer	2009	Working
4. Mechanized Brush cutter	2009	Working
5. Multi purpose power weeder	2009	Working
6. Power Paddy weeder	2009	Working
7. Rice Transplanter	2009	Working
8. Earth Auger	2009	Working



9. Water pump (3 nos.)	2009	Working
10. Seed Cleaner	2009	Working
11. Rotavator (2 nos.)	2009	Working
12. Puddler	2009	Working
13. Chaff cutter	2009	Working

**B.**

Name of demonstration unit established	Year of start	Remarks
1. Poultry unit	2009	Functional
2. Piggery unit	2009	-do-
3. Drip Irrigation System	2009	-do-
4. Sprinkler Irrigation System	2009	-do-
5. Vermicompost unit	2009	-do-
6. Goatery unit	2009	-do-
7. Azolla Unit	2011	-do-
8. Vermicompost unit	2011	-do-

**C.**

Infrastructure developed under RKVY	Year of start	Remarks
1. Implement shed	2009	Functional
2. Display & demonstration unit	2009	Functional

### 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/ca capacity of the unit	Annual income from unit	Remarks
1.	Pig production	25	14	Alengmari Bhelakoba Gorjon 31.03.2022	6 pigs per unit	Yet to come	
2.	Mushroom production	120	80	Natabari Bajugaon Saraibil Dawaguri Maktaigaon Upto 31.03.2022	6000 kg -1500 cylinder	RS.12,00,000/-	
3.	Stevia	20	20	Alengmari Kanupara Monglajhora 20.03.2022	20 kg (Dry stevia leaf)	Rs. 60,000/-	
4.	Eri culture	75	65	Amalaiguri Saraibil Burachara Ramdhan Maktaigaon Daikharguri Bhawragaja Malaguri Pakriguri Pakriguri FV 21.03.2022	150 kg cocoon 750 kg pupae , Eri yarn- 10 kg, Eri fabric- 5 no's	RS. 3,52,500/-	

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

### Model farmer – Shri. Paritran Narzary

Shri. Paritran Narzary, 25 Years of age, S/o LT. U.N.BRAHMA, of village: Raimona under Kochugaon Dev. Block in Kokrajhar district is a post graduate in botany from Bodoland University, Kokrajhar. He belonged to a farming community. From his childhood he was interested in innovative ideas from developing low cost machinery to organic farming with locally available materials both as fertilizer and pesticide. He came to know about activities of Krishi Vigyan Kendra, Kokrajhar in an exhibition at Kokrajhar. He visited KVK Kokrajhar in 2020. He was fascinated with the idea of mushroom cultivation and took up the enterprises as his future enterprises. He attended 4 training programmes organized by Krishi Vigyan Kendra, Kokrajhar and other institutes the improved practices of agriculture and allied areas. Some of his Innovative models are as under:

Development of Mist blower: Using a plastic bucket, plastic pipes, a small motor, an IC and solar panels he developed a mist blower and used inside the mushroom unit for fast cooling of the unit. It worked very nicely.

Preparation of mushroom soup with locally available medicinal plants: Being a botanist and having a good knowledge on local herbs he prepared a mushroom soup mixed with a wide range of locally available herbs.

Vermicompost: Using the mushroom bags and other medicinal plants he prepared a Vermicompost that is unique in itself. He marketed the product in different melas and shows.

The Entrepreneur took the mushroom cultivation on a large scale teaming with his college friends at Saraibil area of Kochugaon block. The fresh mushrooms are sold easily in the area. He took to processing of dried mushroom and prepared a wide range of items including chips, soup, bhujia, biscuits, snacks, pokoda, etc. He represented KVK Kokrajhar at different Melas and Programmes and got different awards.

Particulars	Number of bags	Total Cost (Rs.)	Production (Qt)	Income (Rs.)	Profit (Rs.)
<b>1.Mushroom</b>					
a) Oyster mushroom	500	25000.00	10	170000.00	130000.00
<b>2. Processed mushroom products</b>					
a) Bhujia	300 pkts	20000.00	0.6	60000.00	40000.00
b) Other processed products	-	50000.00	0.8	120000.00	85000.00
c) Vermicompost	16	50000.00	40	100000.00	50000.00
<b>Total</b>					<b>305000.00</b>

Shri. Paritran Narzary is now a very popular entrepreneur in the BTC area on mushroom and its processed product. He has received many helps from the Dept. of Agriculture, Kokrajhar in the form of inputs for increasing his production.

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

**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	Puja Baumatary	Training on tuber crops	AICRP on Tuber crops, AAU, Jorhat	DoEE, AAU, Jorhat	11 <sup>th</sup> November, 2021
2	Puja Baumatary	HRD training on recent development in Horticulture	AAU, Jorhat	DoEE, AAU, Jorhat	12 <sup>th</sup> to 13 <sup>th</sup> November, 2021
3	Puja Baumatary	HRD training on recent development in Horticulture	AAU, Jorhat	ICAR-IIHR, Bangalore	5 <sup>th</sup> to 7 <sup>th</sup> January, 2022
4	Puja Baumatary Priyanka Bora	Training on cultivation of medicinal and aromatic plants: Prospects and practices	AYUSH, Assam	DoEE, AAU, Jorhat	22 <sup>nd</sup> to 23 <sup>rd</sup> February, 2022
5	Goutom Bhagawati Porna Sarmah	Trainers training programme for KVK scientist- Muga & Eri- NE Zone	Central silk board, Delhi	Central eri muga research & training institute, Lahdoigarh, Jorhat	4 <sup>th</sup> to 8 <sup>th</sup> October, 2021

**19. 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	ARYA- Scientific method of eri silk worm rearing	10.10.2021	Sansad TV, New Delhi	Porna Sarmah Dr. M.K. Bhuyan
2	ARYA- Scientific method of eri silk worm rearing	15.10.2021	ND TV	Porna Sarmah
3	Shishu Mangal Diwas Poshan Maah"	26.09.2021	Asom News Channel, Guwahati	Porna Sarmah
4	entrepreneurship development through value added products of multigrain cereals, pickles, jam, jelly made from fruits & vegetables	28.08.2021	Ishan News Channel, Guwahati	Porna Sarmah

## 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]
Nutraceuticals in Some of the Major Horticultural Crops	Dutta, S., Baumatary, P.,G. Parkey	2021	Agriculture and food: E- Newsletter	3(6):686-688
Challenges faced by small and marginal farm holders of Kokrajhar district during COVID-19 lockdown	Basumatary, P. , Sarmah, P.	2021	The Pharma Innovation Journal	SP-10(7): 698-701
Varietal performance of chilli variety Arka Meghana in agro-climatic condition of Kokrajhar district	Basumatary, P.	2022	The Pharma Innovation Journal	SP-11(1): 405-407
Scope of cassava (Manihot esculanta Crantz) in improving livelihood of tribal people in rural areas of Kokrajhar district of Assam, India	Brahma, S., Upadhaya, V., Nath, R. K., Sarma, P., Sarma, R.	2022	The Pharma Innovation Journal	SP-11(2): 1298-1302
Vitamin ki kami say honay walay bimariyo hay lakshan samuh aur khadya padartho ki bhumika	Porna Sarmah	2021	Dainik Puvodaya news paper on 25 <sup>th</sup> July 2021	
World breast feeding week 1 <sup>st</sup> to 7 <sup>th</sup> August, 2021- The benefit of breast feeding for both mother and baby	Porna Sarmah	2021	Agriculture and food: E- Newsletter	3(9):29

Senior scientist & Head  
KVK, Kokrajhar