PROFORMA FOR ANNUAL REPORT 2020 OF KVK, THOUBAL

1. GENERAL INFORMATION ABOUT THE KVK

1.1. Name and address of KVK with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
Krishi Vigyan Kendra Thoubal , near Rice Research, Khangabok, Thoubal, Manipur- 795138	-	-	kvkthoubal@gmail.com

1.2 .Name and address of host organization with phone, fax and e-mail

Address	Telephone		E mail
	Office	FAX	
Department of Agriculture, Government of	-	-	amdmn@nic.in
Manipur, Sanjenthong Imphal- 795001			

1.3. Name of the Programme Coordinator with phone & mobile No

Name	Telephone / Contact				
	Residence Mobile Email				
Dr.S.Zeshmarani	-	8415902143	zeshma.sarangthem@gmail.com		

1.4. Year of sanction: 16th Nov.,2005
1.5. Staff Position as on 31st Dec, 2020

SI. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanent /Temporary	Category (SC/ST/ OBC/ Others)
1	Sr. Scientist & Head	Dr.S.Zeshmarani	Senior Scientist & Head	Animal Science	37400-67000	139400	28-02-18	Permanent	Gen
2	Subject Matter	Kh.Premlata Devi	SMS	Horticulture	15600-39100	83600	12-04-07	-do-	SC

	Specialist		(Horticulture)						
3	Subject Matter Specialist	Dr.M.Thoithoi Singh	SMS(Plant Protection)	Plant protection	15600-39100	83600	25-07-07	-do-	Gen
4	Subject Matter Specialist	S.Sumangal Singh	SMS(PBG)	Plant Breeding & Genetics	15600-39100	83600	25-07-07	-do-	Gen
5	Subject Matter Specialist	N.Tomba Singh	SMS (Agronomy)	Agronomy	15600-39100	83600	25-07-07	-do-	Gen
6	Subject Matter Specialist	R.K.Lembisana Devi	SMS (Home Sc.)	Home Science	15600-39100	61300	26-12-16	-do-	Gen
7	Subject Matter Specialist	SribidyaWaikhom	SMS(Fishery)	Fishery	15600-39100	56100	24-07-19	-do-	OBC
8	Programme Assistant (Computer)	L.Babita Devi	Prog. Asst. (Computer)	Computer	15600-39100	59500	12-04-07	-do-	Gen
9	Programme Assistant (Agri. Extension)	Salam Prabin Singh	Prog. Asst. (Ext. Edu. Agri. & Allied)	Agriculture Extension	9300-34800	35400	24-07-19	-do-	OBC
10	Farm Manager	Dr.W.Jiten Singh	Farm Manager	Agronomy	15600-39100	59500	12-04-07	-do-	OBC
11	Accountant / Superintendent	O.Shilhenba Singh	Accountant	-	9300-34800	38700	05-10-16	-do-	Gen
12	Stenographer	M.Geeta Devi	Jr. Steno cum Computer operator	-	5200-20200	39200	12-04-07	-do-	-do-
13	Driver	M.Hemanta Singh	Driver cum Mechanic	-	5200-20200	31900	12-04-07	-do	-do-
14	Driver	Th.Tiken Singh	-do-	-	5200-20200	31900	03-05-07	-do	-do-

15	Supporting staff	E.Dhabali Singh	Peon cum	-	5200-20200	23800	12-04-07	-do-	-do-
			Chowkidar						
16	Supporting staff	Mangminthang Zou	-do-	-	5200-20200	23800	12-04-07	-do-	ST
	Total	16	-	-	-	-	-	-	-

1.6. a. Total land with KVK (in ha) : 10 ha

b. Total cultivable land with KVK (in ha): 7.5 ha

c. Total cultivated land (in ha): 6.5 ha

S. No.	Item	Area (ha)	
1	Under Buildings (Administrative building+ Farmers' Hostel+ Staff Quarters)	1	
2	Under Demonstration Units (pl. specify the name)		
	i. Animal Sc. Demo Unit (Piggery, Poultry, Dairy)	i.	1.5
	ii. Fish pond & integrated poultry fish unit	ii.	1.5
	iii.Vermiculture	iii.	0.1
	iv.Green house & shade net	iv.	0.2
3	Under Crops (Cereals, pulses, oilseeds etc.)		
	(PI. specify separately)		
	i.Paddy	1.	3.5
	ii. Pea,Lentil,Chickpea	2.	0.4
	iii.Rape seed and Mustard,Chia,Oilpalm	3.	1.25
	iv.Potato, Groundnut		

Under vegetat	alaa (Di anasifu aanayatah)		
Under vegetat	alaa (DL anaaifu aanaratahu)		
	oles (Pl. specify separately)		
1.	Chilli		
2.	King Chilly		
3.	Brinjal	0.45	
4.	French bean		
5.	Cabbage		
6.	Broccoli		
7.	Cauliflower		
8.	Tomato		
9.	Ladies Finger		
10.	Pumpkin		
11.	Bottle Gourd		
12.	Cucumber		
Orchard/Agro-f	orestry	0.50	
Others (specify)) Farm road, approach road, Wall fencing	0.70	
	4. 5. 6. 7. 8. 9. 10. 11. 12.	 4. French bean 5. Cabbage 6. Broccoli 7. Cauliflower 8. Tomato 9. Ladies Finger 10. Pumpkin 11. Bottle Gourd 	4. French bean 5. Cabbage 6. Broccoli 7. Cauliflower 8. Tomato 9. Ladies Finger 10. Pumpkin 11. Bottle Gourd 12. Cucumber Orchard/Agro-forestry 0.50

1.7. Infrastructural Development:

A) Buildings

		Source			Stage					
S.	Name of	of		Complete			plete			
No.	building	funding	Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction		
1.	Administrative Building	ICAR	2016	550(Ground floor)	76,33,000	Dec,2007	550(1 st floor)	completed		
2.	Farmers Hostel	-	-	-	-	-	-	-		

3.	Staff Quarters (5)	-do-	31-3-12	-	67.90	2-1-12	-	Completed
4	Demonstration Units (2)	-do-	31-3-12	-	20.07	2-1-12	-	Completed
5	Fencing	-do-	31-3-12	215m	19.75	2-1-12	-	Completed
6	Seed processing Unit	ICAR	15/02/2018	216m	49.97407	13-10-17	-	Completed

B) Vehicles

Type of vehicle	Regd. No.	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Bolero, Diesel jeep	MNO1K-8510	2006-07	5,08,657	259603	Condemn
Tractor, complete set	MN01A-0765	2006-07	4,35,543	1933	Good

C) Equipments & AV Aids

Name of the equipments	Year of purchase	Cost (Rs.)	Present status
Computer with accessories (2nos.)	March 2010	75,000	Good
Digital Camera	March,2010	20,000	Not in working condition
LCD projector	March,2010	1,00,000	Not working
Portable carp hatchery	March,2010	2,25,000	Good
Computer with accessories (8nos.)	March,2016	2,00,000	6 computers not in working condition
LCD Projector	March,2016	50,000	Good
Computer with accessories(1 no)	March,2019	32,000	Good
Digital Camera	December,2019	35,000	Good

Computer Printer	July 2019	14980	Good
Computer Monitor & Camera	Jan.2020	29900	Good
Presenter Innovier	March 2020	3800	Good
Bullet Camera with accessories	March2020	22808	Good

1.8. A). Details SAC meeting* conducted in the year

Date	Name and Designation of Participants	Salient Recommendations	Action taken on last SAC recommendation
15-12-2020	Ms. Laltanpuii Vanchhong, IAS, Director of Agriculture, Manipur Dr.AKSingha Principal Scientist, (I/C) Director ATARI, Zone-VII Dr. I. Meghachandra Singh, Joint Director, ICAR, Manipur Centre Dr. Dipak Nath, Deputy Director (Extn. Edn.) CAU, Imphal	 For Fisheries, suggestions were madeto mention the specific name of the species of the carp instead of mentioning the groupname as Chinese carp. Similarly, it was suggested towrite Amur carp as Common carp var. Amur carp 	Done as suggested Written as suggested
	KhaidemMohendra Singh Project Coordinator, MSFAC M. Srinivasa Rao Manager, NABARD Manipur	 Regarding CFLD on mustard it was suggested to calculate the economics and compare whether it is better to sell as 	Done as suggested

Kh. Ngamluishang Rice Breeder, RRS Wangbal

Ak. Chittaranjan Singh AO(HQ) Dept. of Agriculture, Manipur

N. Bijyalakshmi Devi D.O(H & SC), Thouba

O. Joykumar Singh DAO, Thoubal

S. Bhimo Singh CEO/FFDA, Thoubal

SanjitLaishram Dy.Manager, MSCB, Thoubal

Kh. Hera Singh

Sr. Scientist and Head, KVK, Imphal West

Dr. Deepak Singh Sr. Scientist and Head, KVK, Chandel

Dr. A. Tarajit Singh SMS (Agri Extension), KVK, Bishnupur

T. Molibala Devi i/c Sr. Scientist and Head, KVK,

seed or by selling extracted oil.

 While mentioning the rice variety i.e., RCM and RC
 Maniphou should not be mixed as these two varieties are different

 Regarding publication of reports/ Findings of any kind, the name of the journal should be mentioned.

 Regarding training programmes it was suggested to increase more training programmesfor extension personnel during Covid pandemic as they are more experience than normal farmers. It was taken as RC Maniphou.

Mentioned the name of Journal

It has been taken up

Imphal East		
Dr. S. Roma Devi		
Sr. Scientist and Head, KVK,		
Churchanpur		
Dr. N. Jyotsana		
Sr. Scientist and Head, KVK,		
Sanapati		
_		
O.Nabadwip Singh		
Retd. DFO, Thoubal		
V Magha Singh		
Y. Megha Singh		
Progressive Farmer		
T. Achouba Singh		
Progressive Farmer		
M. Manglembi Devi		
Progressive Farmer		
S. Devjani Devi		
Progressive Farmer		
1 rogressive i armer		
M. Robert Singh		
Progressive Farmer		
D		
Bisheshore		
Progressive Farmer		
M. Menjor Singh		
Progressive Farmer		
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* Attached a copy of SAC proceedings along with list of participants(Annexure 1)

2. DETAILS OF DISTRICT

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

SI. No	Farming system/enterprises
1.	Agriculture
2.	Agriculture-Horticulture
3.	Agriculture-Horticulture-Livestock
4.	Agriculture-Horticulture-Fishery
5.	Agriculture-Livestock-Fishery
6.	Agriculture-Fishery
7.	Fishery
8	Animal Husbandry
9	Agriculture-Livestock
10	Horticulture-fishery
11	Horticulture-Livestock-Fishery

2.2 Description of Agro-climatic Zone & major agro-ecological situations (based on soil and topography)

SI. No	Agro-climatic Zone	Characteristics
1.	Sub tropical plain zone	The agro-climatic zone of the Thoubal dist. May be characterized by diverse soil type ranging from clay, clay loam, silty loam to peat and muck soil, high rainfall and high RH with distinct temperature variation between summer and winter, wide cultural diversity with different cropping pattern from fruits (pine apple, banana, mango), Vegetables (cauliflower, cabbage, brinjal, tomato), paddy, pulses and oil seeds, fish and farm animals. The district has the following topographical structures:- upland, medium land and low land and shallow lakes.

2.3 Soil type/s

S. No	Soil type	Characteristics	Area in ha
1	Fine, Umbric	Deep, excessively drained fine soils moderately steep side slopes of hills having clayey surface with	3470
	Dystrochrepts Fine,	moderate erosion, associated with deep well drained fine soils on moderately sloping side slopes of	
	Typic Haplo humults.	hills with moderate erosion and slight stoniness.	
2.	Fine Typic, Haplo	Deep, well drained, fine soils on moderately sloping side slopes of hills having loamy surface with	14,320
	humults Fine, Loamy	moderate erosion, associated with moderately deep, excessively drained fine loamy soils on	
	Umbric Dystrochrepts	moderately steep side slopes of hills with moderate erosion and slight stoniness.	
3.	Fine, Typic	Deep, poorly drained, fine soils on nearly level valleys having clayey surface with very slight	6340
	Haplaquepts Fine	erosion, ground water table between one to two meters of the surface and slight flooding,	
	Ruptic Ultic	associated with deep well drained fine soils on gently sloping side slopes of hills with slight erosion.	
	Dystrochrepts		

4.	Very fine, molic	Deep ,very poorly drained, very find soils on nearly valleys having clayey surface with very slight	22,320
	haplaquepts	erosion ground water level between one meter of the surface and severe flooding associated with	
		deep, poorly drained fine soils on very gently sloping valleys with slight erosion ground water table	
		between one to two meters of the surface and slight flooding.	
5.	Fine, Typic Hapludalfs,	Deep, somewhat excessively drained, fine soils on sloping side slopes of hillocks having clayey	4540
	Fine Silty Tupic	surface with moderate to severe erosion associated with well drained fine silty soils on moderately	
	Haplumbrepts	sloping side slopes of hillocks with moderate erosion.	
		Total	50990

2.4. Area, Production and Productivity of major crops cultivated in the district

S. No	Crop	Area (ha)	Production (QtI)	Productivity (Qtl /ha)
1.	Paddy	` ,	· ·	
	i) Pre kharif	6285	2, 38, 830	38.00
	ii) Kharif	2880	1, 07,100	45.00
	iii) Improved	10,645	2, 66,125	25.00
	iv) Local paddy	1227	19,600	16.00
2.	Maize	322	8372	26
3.	Kharif pulses	150	615	4.1
4.	Kharif oilseeds	136	979.2	7.2
5.	Sugarcane	724	1, 08, 600	1,50, 000
6.	Rabi pulses	1325	8,612.5	6.5
7.	Rabi oilseeds	1550	12,090	7.8
8.	Potato	735	66,150	90
9.	Cole crops	2100	2,37, 300	113
10	Chilli	250	1875	7.5
11.	Pineapple	2,500	2,055,000	822
12.	Wheat	45	945	21

(Source -economic survey 2019-20)

2.5. Weather data (Jan2020- Dec,2020)

Month	Rainfall (mm)		Temperature ⁰ C	Relative Humidity (%)
		Maximum	Minimum	
January	2.1	21.2	7.5	60.9
February	0.5	23.4	8.2	50.8
March	0.4	27.6	12.1	40.5
April	0.4	26.5	13.5	55.3
May	0.7	29.4	15.3	45.1
June	0.6	31.5	14.2	48.4
July	0.5	28.6	13.6	63.1
August	1.5	29.1	14.1	54.1

September	0.9	31.5	12.1	62.2
October	5.3	37.1	20.9	77.0
November	3.5	26.3	12.7	56.5
December	0.0	23.1	6.5	48.4

2.6 Production and productivity of livestock, Poultry, Fisheries etc. in the district

Population	Production	Productivity
18790	526120 lt	28 lt/day
40927	163708 lt	4 lt/day
3554	11373 lt	3.2 lt/day
333	3996 kg	12 kg/sheep
5964	65604kg	11 kg/sheep
20091	160.7 tonnes	8 kg/goat
52741	4113.79 tonnes	78 kg/pig
68027	3537.40 tonnes	78 kg/pig
1180	3209 kg	2.72 kg/rabbit
	18790 40927 3554 333 5964 20091 52741 68027	18790 526120 lt 40927 163708 lt 3554 11373 lt 333 3996 kg 5964 65604kg 20091 160.7 tonnes 52741 4113.79 tonnes 68027 3537.40 tonnes

Hens	159168	274.56 lakh egg	-
Desi	119376	191 lakh egg	160 egg/year/hen
Improved	39792	83.56 lakh egg	210 egg/year/hen
Ducks	69797	90.7 tonnes	1.3 kg/duck
Turkey and others	11312	-	-
Fish	1525 ha	6520 tonnes	4.2 t/ha

(Source -economic survey 2019-20)

2.6 Details of Operational area / Villages

SI.No.	Taluk/ Eleka	Name of the block	Name of the village	Major crops & enterprise	Major problem identified	Identified Thrust Areas
				Paddy	Lack of suitable cultivation practice, fertilizer use and pest management	ICM, SRI, Hybrid Rice, INM, Balanced Fertilizer and IPM
1.			Athokpam	Fishery	Lack of knowledge of scientific fish farming	Composite fish culture, Nursery rearing
		Thoubal		Cattle	Lack of knowledge of scientific farming, breed & feeding	Improved breeds, Fodder cultivation, vaccination
2			Pongi	Paddy	Lack of suitable cultivation practice, fertilizer use and pest management	ICM, SRI, Hybrid Rice, INM, Balanced Fertilizer and IPM
2			Bengi	Goat farming	No vaccination, castration and improper feeding and housing	Goat farming with less input and vaccination

		Paddy	Varietal admixture, improper cultivation methods	ICM, SRI, Hybrid Rice, INM, Balanced Fertilizer and IPM
3.	Salungpham	Horticulture (Green chilli)	Lack of knowledge of summer vegetable varieties and pest management	Summer vegetable, Corm Cultivation and IPM
		Pig farming	No, vaccination, improper feeding and breed	Vaccination, Castration and Housing
		Paddy	Varietal Admixture, improper cultivation technique and pest management	ICM, SRI, Hybrid Rice, INM, Balanced Fertilizer and IPM
4	Hijam khunou	Oilseeds & Pulses	Limited area under oilseed and pulses	Pulses and oilseed cultivation
		Poultry Farming	Lack of scientific knowledge of poultry farming	Broiler farming, vaccination
		Piggery	No vaccination, castration and improper housing	Pig rearing, vaccination
5.	Tekcham	Paddy	Lack of suitable cultivation practice ,fertilizer use & pest mgmt.	ICM, IPM, INM, Hybrid Rice
		Fishery	Lack of knowledge of Scientific fish farming	Composite Fish culture
		Paddy	Lack of deep water rice varieties, nutrient & pest mgmt	Deep water rice var. , nutrient & pest mgmt.
6.	Tentha	Fishery	Lack of scientific fish culture	Composite fish culture, integrated fish farming
		Gorgun nut	Phythoptora blights on lean and weevil infestation	IPM

7		L	angathel	Cole crops, cucurbits	Selection of variety & injudicious use of fertilizer, pesticides. Lack of cultivation techniques	IPM, INM, Varietal demonstration and new cultivation techniques
				Paddy	Lack of suitable cultivation techniques	SRI, Hybrid rice cultivation,ICM
				Cabbage, onion, broadbean	Lack of suitable varieties & its cultivation techniques	Varietal demonstration and new cultivation techniques
				Paddy	Lack of suitable cultivation techniques	SRI, Hybrid rice cultivation,ICM
8.			Heirok	Oilseeds & pulses	Lack of knowledge of oilseed & pulses cultivation	Scientific pulse & Oilseed cultivation
				Cattle	Lack of knowledge of scientific farming, breed & feeding	Improved breeds, Fodder cultivation, vaccination
				Paddy	Injudicious use of fertilizer,pesticides & lack of proper cultivation method	SRI,INM,intercropping of paddy with pulses & oilseed crops
				Fishery	Lack of Scientific fish culture	Composite fish culture,integrated fish farming
9.		UH	khongsang	Piggery	No vaccination & castration	Vaccination & castration
				Poultry	Problems in feeding readymade feeds	Feeding mgmt. with locally available feeds
				Oilseeds & pulses	Lack of knowledge of oilseed & pulses cultivation	Scientific pulse & Oilseed cultivation
10.		Lo	ourembam	Pig farming	Lack of good quality feed	Feeding management using indigenous micro organism

		Vegetable crops	Lack of knowledge of nutrient management eg. Crops & its cultivation techniques	INM, cropping system
		Potato	Improper variety & lack of nutrient & pest mgmt	IPM, INM, Kufri chipsona variety
		Paddy	Varietal admiature,improper cultivation methods	ICM, SRI, Hybrid Rice INM, balanced Fertilizer & IPM
		Poultry	Problems in feeding readymade feeds	Feeding mgmt. with locally available feeds
11.	Wanging	Paddy	Injudicious use of fertilizers, Pest and diseases problem, Varietal admixture, failure of crop due to error in planting season	Integrated pest management, Integrated nutrient management, Balance fertilization, Seed prodn. Of paddy.
11.	vvarigirig	Poultry farming	Problems in feeding readymade feeds.	Feeding management with locally available feeds.
		Horticulture (Green chilli)	Die Back, fruit rot.	Integrated pest management.
		Paddy	Injudicious fertilizers used, lack of suitable cultivation technique	ICM, SRI, Hybrid Rice, INM, Balanced Fertilizer and IPM
12.	Nongpok Sekmai	Oilseed & pulses	Not grown	Pulses & oilseed cultivation
		Piggery	No vaccination & castration	Vaccination & castration

13.			Thongjao	Paddy	Injudicious use of fertilizers, Pest and diseases problem, Varietal admixture, failure of crop due to error in planting season	Integrated pest management, Integrated nutrient management, Balance fertilization, Seed prodn. Of paddy, varietal trails.
			3,74	Fishery	Lack of Knowledge of Disease management	Fish Health management.
				Pig farming	Reduce body weight, preweaning mortality.	Piggery management.
14.			Umathel	Paddy	Injudicious use of fertilizer,pesticides & lack of proper cultivation method	SRI,INM,Intercropping of paddy with pulses & oilseed crops
				Oilseeds & pulses	Lack of knowledge of oilseed & pulses cultivation	Scientific pulse & oilseed cultivation
15.		Kakching	Waikhong	Paddy	Injudicious use of fertilizer,pesticides & lack of proper cultivation method	SRI,INM,Intercropping of paddy with pulses & oilseed crops
				Pig farming	No vaccination & castration	Vaccination & castration
16.		Serou		Maize	Lack of suitable maize varieties & its cultivation technique	Proper composite & hybrid varieties,intercropping of maize with pulses & oilseeds
				Oilseeds & pulses	Lack of knowledge of oilseed & pulses cultivation	Scientific pulse & oilseed cultivation
17.				Paddy	Injudicious use of fertilizer,pesticides & lack of proper cultivation method	SRI,INM,Intercropping of paddy with pulses & oilseed crops
				Fishery	Lack of scientific fish culture	Composite fish culture
18.			Wabagai	Paddy	Lack of suitable cultivation technique	ICM,SRI,hybrid rice cultivation

Horticulture (Chilli, cole crops)	Lack of relay cropping & pest management	Relay cropping with beans and cucurbits,IPM
Fishery	Lack of scientific fish culture	Composite fish culture, integrated fish farming
Potato	Improper variety & lack of nutrient & pest management	Kufri varieties, IPM,INM
Tomato	Improper variety & lack of nutrient & pest management	IPM, INM, Hybrid varieties

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievements of mandatory activities by KVK during 2020

Discipline	(OFT (Technology As	sessment and Ref	finement)	FLD (O	FLD (Oilseeds, Pulses, Maize, Other Crops/Enterprises)				
	Num		Numbe	Number of Farmers		Number of FLDs		r of Farmers		
	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievemen t		
Agronomy	2	2	10	10	2	2	10	10		
Plant Breeding & Genetics	2	-	10	-	2	2	20	20		
Plant Protection	2	2	10	10	2	2	16	16		
Fisheries	2	2	10	10	2	2	14	14		

Home Science	2	2	10	10	2	2	20	20
Agri. Extension	-	-	-	-	2	2	255	255
Total	10	8	50	40	12	12	335	335

Note:Target set during last Annual Zonal Workshop

Training (inc		ored, vocational and ainwater Harvesting		r	Extension Activities				
N	Number of Cou	ırses	Numbe	s Num	Number of activities Number of part				
Clientele	Targets	Achievement	ment Targets	Achievement	Targets	Achievement	nt Targets	Achievement	
Farmers									
Rural Youth									
Extn. Functionaries									
	Soor	d Production (ton.)				Planting material	(Nos in lakh)		
						- ranting material	(NOS. III IAKII)		
	Target		Achieveme	Achievement		Target		evement	
	30			41.59		10000		86100	

Note: Target set during last Annual Zonal Workshop

3. B. Abstract of interventions undertaken during 2020

				Interventions							
Sl. No	Thrust area	Crop/ Enterprise	Identified problems	Title of OFT if any	Title of FLD if any	Title of Training if any	Title of training for extension personnel if any	Extension activities	Supply of seeds, planting materials etc.		
1.	Cropping system of Rice-Lentil- Chickpea	Rice-Lentil Rice-Chickpea	Usually rice field being kept fallow Rice alone cannot increase farmer's income	Performance evaluation on Rice based cropping system (Rice- Lentil Rice- Chickpea)	-	Rice based cropping system	-	Field visit, Farmer Scientist interaction, E- gosthies	Seed, Fertlilizer, PP inputs		
2.	Crop Production	Lentil	Poor germination and establishment under normal sowing condition	Seed priming of Lentil	-	Scientific cultivation of Rabi field crops	-	Field visit, E-gosthies	Seed		
3.	Management of frost bite and viral diseases of potato	Potato	Frost bites – 70% Viral diseases- 55%	Management of frost bite and viral diseases of potato	-	Integrated Pest management	-	Field visit	PP chemicals		

4.	Management of	Cabbage	Management of	Performance	-	Integrated Pest	_	Field visit,	PP chemicals
	aphid in cabbage		sucking insects in	evaluation of		management		Farner scientist	
			cabbage and	Metarhizium				interaction	
			lettuce which is	anisoplea (a Bio					
			consumed as raw,	pesticide) in					
			is usually	management of					
			controlled by using	aphid in cabbage					
			chemicals which						
			results in health						
			hazards if						
			consumed before						
			waiting period of						
			the insecticide						
5.	Fish Production	Fish- Silver barb	Culture of major	Performance	-	Composite/	-	Field visit	Fish
		(Puntius	carps alone fetches	assessment of		Polyculture fish			
		gonionotus)	limited income and	Incorporation of		farming			
			farmers are not	Silver barb					
			aware of	(Puntius					
			diversified	gonionotus) in feed					
			aquaculture.	based seasonal					
				carp polyculture					
				pond system					
6.	Fish Production	Ornamental fish	Breeding and	Introduction to	_	Ornamental fish	_	Field visit, TV	Fish
0.	1 isii i foduction	Omamentai iisii	rearing of	Low cost backyard	-	farming	_	talk	1 1511
			ornamental fishes	ornamental fish		Tarming		taik	
			had not been	farming for income					
			practiced by	enhancement for					
			farmers of Thoubal	rural youths using					
			district	polyline thermocol					
			district	box					
				OOA					

7.	Value addition	Bori Production	High Cost of	Production of	-	Value addition of	-	Field visit,	Blackgram,
			production for	Chow Chow Bori		fruits, vegetables		TTX / 11	preservatives
			Blackgram bori	during peak and		& pulses		TV talk	
				lean production					
				period					
8.	Value addition	Amla	Due to its	Osmotic	-	Dehydration of	-	Field	sugar,
			perishable nature	Dehydration of		Amla		visit,radio talk	preservatives
			during peak season	Amla					
			it is difficult to						
			store.						

3.1 Achievements on technologies assessed and refined during 2020

A.1 Abstract of the number of technologies assessed* in respect of crops/enterprises

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantat ion crops	Tuber Crops	TOTA L
Varietal Evaluation	-	-	-	-	-	-	-	-	-	-
Seed / Plant production	-	-	-	-	-	-	-	-	-	-
Weed Management	-	-	-	-	-	-	-	-	-	-
Integrated Crop Management	-		Lentil	-	-	-	-	-	-	2
Integrated Nutrient Management	-	-	-	-	-	-	-	-	-	

Integrated Farming System	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
Drudgery reduction	-	-	-	-	-	-	-	-	-	-
Farm machineries	-	-	-	-	-	-	-	-	-	-
Value addition	-	-	-	-	Chow	Amla				2
Integrated Pest Management	-	-	-	-	-	-	-	-	Cabbage	1
Integrated Disease Management	-	-	-	-	-	-	-	-	Potato	1
Resource conservation technology	-	•	-	-	-	-	-	-		
Small Scale income generating enterprises	-	-	-	-	-	-	-	-		
TOTAL	-	-	-	-	-	-	-	-		6

Any new technology, which may offer solution to a location specific problem but not tested earlier in a given micro farming situation. Abstract of the number of technologies **refined*** in respect of crops/enterprises

A.2.

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation	-	-	-	-	-	-	-	-	-	-
Seed / Plant	-	-	1	-	-	1	1	-	-	-

production										
Weed	-	-	-	_	_	-	-	_	-	-
Management	_		_	_	-			_		
Integrated Crop Management	-	•	-	-	-	-	-	-	-	-
Integrated Nutrient Management	-	•	-	-	-	-	-	-	-	-
Integrated Farming System	-	-	-	-	-	-	-	-	-	-
Mushroom cultivation	-	-	-	-	-	-	-	-	-	-
Drudgery reduction	-	-	ſ	-	-	-	-	-	-	-
Farm machineries	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	-	-	-	-	-	-	-	-	-
Integrated Pest Management	-	-	-	-	-	-	-	-	-	-
Integrated Disease Management	-	-	-	-	-	-	-	-	-	-
Resource conservation technology	-	-	-	-	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-	-	-	-	-

TOTAL	-	-	-	-	-	-	-	-	-	-

- * Technology that is refined in collaboration with ICAR/SAU Scientists for improving its effectiveness.
- A.3. Abstract of the number of technologies **assessed** in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitery	Fisheries	TOTAL
Evaluation of Breeds	-	-	-	-	-	-	Fish- Silver barb (Puntius gonionotus)	1
Nutrition Management	-	-	-	-	-	-	-	-
Disease of Management	-	-	-	-	-	-	-	-
Value Addition	-	-	-	-	-	-	-	-
Production and Management	-	-	-	-	-	-	-	-
Feed and Fodder	-	-	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-	Ornamental fish	1
TOTAL								2

A.4. Abstract on the number of technologies **refined** in respect of livestock / enterprises

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitery	Fisheries	TOTAL
Evaluation of Breeds	-	-	-	-	-	-	-	-
Nutrition Management	-	-	-	-	-	-	-	-
Disease of Management	-	-	-	-	-	-	-	-

Value Addition	-	-	-	-	-	-	-	-
Production and Management	-	-	-	-	-	-	-	-
Feed and Fodder	-	-	-	-	-	-	-	-
Small Scale income generating enterprises	-	-	-	-	-	-	-	-
TOTAL								

A.5. Results of On Farm Testing (OFT)

Sl. No.	Title of OFT	Problem Diagnosed	Name of Technology Assessed	Crop/Croppi ng system/ Enterprise	No. of Tria ls	Results of Asses parameter shou		`	Feedba ck from the farmer	Feedback to the Researcher	B:C Ratio (if applicable)
1.	Performance evaluation on Rice based cropping system (Rice- Lentil Rice- Chickpea)	Usually rice field being kept fallow Rice alone cannot increase farmers income	Cropping system of Rice- Lentil/Chickpea Rice:Var. CAU R1 Seed rate: 60 kg/ha Spacing: 15x15 cm Date of transplanting: July 1st week Fertilizer dose: 60:40:30 kg NPK/ha Lentil: Var. HUL 57 Seed rate: 40 kg/ha Spacing-30 cm between rows	Rice-Lentil Rice- Chickpea	5	Technology: Rice: Parameter Plant ht. (cm) No. of grains/g No. of tillers/g Yield (q) Chickpea/Lenti Parameter Plant height Plant stand/sq.m	plant	Treatment 135 268 12 54.00 Lentil 30-35cm 80-90	Appreciated	Appreciated and recommend ed for FLD	Rice- 1.8 Chickpea- 1.83 Lentil-1.85
			Date of transplanting: 2 nd fortnight of			No. of branches	7-10	8-12			

			Fertilizer dose: 15:35:15 Kg NPK/ha Chickpea: Var. JG-16 Seed rate: 60kg/ha Spacing 30 x 10 cm Date of planting-: 2nd fortnight of Nov. Fertilizer dose: 15:35:15 kg/NPK			per plant No. of pods per plant No. of seed per pod Yield q/ha Farmers Practic Parameter Plant ht. (cm) No. of grains/ Yield (q)	panicles	100 -110 2 7.8 Treatment 135 260 10 52.00			
2.	Seed priming of Lentil	Poor germination and establishme nt under normal sowing condition	Seed soaking for 6 hours in water & then bringing down to almost original weight by drying under shade before sowing. > Seed rate: 40	Lentil	5	Plant height (cm Plant stand (no./s Pod/plant(nos) — Seed/pod - 2	sq.m) – 90-100)	Appreci ated	Appreciated	2.01

			Kg/ha ➤ Spacing: 30 cm between rows ➤ Sowing time: Mid Oct – Mid Nov ➤ Fertilizer dose: 20:40:15 Kg NPK/ha			Seed yield (q/ha) – 8.2 Farmers Practice: Plant height (cm) – 30-35 Plant stand (no./sq.m) – 80-90 Pod/plant(nos) – 110- 120 Seed/pod - 2			
3.	Management of frost bite and viral diseases of potato	70% Viral diseases- 55%	• Management of frost bites & viral diseases with Dimethyl sulfloxide 38.4% & Imidachloprid 17.8% (Control) @ 400 ml/ha two sprays at 20 days interval • First spray at first earthing up (25-30DAS)	Potato	5	Seed yield (q/ha) – 7.4 Technology: No. of infected plants (Nos./sq m) - 9 a) Yellow mosaic – 0.32% b) Crinkle – 3.57% c) Stem necrosis – 7.4% d) Frost affected plants (%) - 72% e) Yield q/ha – 87 Farmers Practice: No. of infected plants (Nos./sq m) - 9 a) Yellow mosaic – 0.23% b) Crinkle – 4.01% c) Stem necrosis – 6.8% d)Frost affected plants (%) - 38 %	Appreciated	Appreciated	2.6

						e)Yield q/ha – 72			
4.	Performance evaluation of Metarhizium anisoplea (a Bio pesticide) in management of aphid in cabbage	Managemen t of sucking insects in cabbage and lettuce which is consumed as raw, is usually controlled by using chemicals which results in health hazards if consumed before waiting period of the insecticide.	Management of aphids with Metarhizium anisoplea(a Bio pesticide) @ 30ml/ 15 litre water	Cabbage	5	Technology: Just Before spraying - 72/plant 1st Two days after spraying - 68/plant 20th day after 1st spraying - 63/plant Two days after 2nd spray - 42/plant 20 days after 2nd spray - 8/plant Yield q/ha - 165 Farmers Practice: Just Before spraying - 77/plant 1st Two days after spraying - 24/plant 20th day after 1st spraying - 32/plant Two days after 2nd spray - 19/plant 20 days after 2nd spray - 36/plant Yield q/ha - 167	Appreciated	Appreciated	2.7
5.	Performance assessment of Incorporation of Silver barb (Puntius gonionotus) in feed based seasonal carp polyculture	Culture of major carps alone fetches limited income and farmers are not aware of diversified	 Stocking density: 10000 fingerlings/ha Stocking ratio: Catla: Silver barb: grass carp: common carp @ 3:3:2:2 	Silver barb (Puntius gonionotus)	5	Technology: Avg. wt. gain of Catla - 640g Avg. wt gain of grass carp - 700g Avg.wt gain of Common carp -650g Avg wt gain of Silver barb - 460g	Appreci ated	Recommen ded for FLD	2.8

pond system	aquaculture.	 Feeding @3% body weight Culture period: 6 months 		Survivility – 90% Productivity - 358kg/0.1ha Farmers Practice: Avg. wt. gain of Catla - 630g Avg. wt gain of grass carp - 780g Avg.wt gain of Common carp -640g Survivility – 85% Productivity - 296kg/0.1ha			
Introduction to Low cost backyard ornamental fish farming for income enhancement for rural youths using polyline thermocol box	Breeding and rearing of ornamental fishes had not been practiced by farmers of Thoubal district	Species: Guppy (Poecila raticulata), Platy (Xiphophorus maculatus Use of polyline thermocol fish box, as rearing unit. Submerged plant such as Hydrilla is used as hiding place for fry. Stocking density /box = 50 nos. Feeding- Diet with 35-40% crude protein and live feed such as zooplankton, blood	Ornamental	Technology: Survival % - 87 Productivity – 3219 fry/50 brooders Net return - Rs. 12,595/- (Rs./unit)	Appreciated	Instead of ornamental fish it was suggested to go for seed production of indigeneous fishes such as climbing perch or magur	3.5

			worms Water depth- 30- 60 cm for one month for fry rearing									
7.	Production of Chow Chow Bori during peak and lean production period	High Cost of production for Blackgram bori	Development of bori from squash (40 % squash mixed with KMS @ 1.5 g/kg with blackgram paste 60%)	Chow chow	5	Technology: Paramete rs	Product recovery/ kg	Cost/Un it(10kg)	Net retur n (Rs.)	Appreci ated	Appreciated	Peak season-2.2 Lean season-1.9
						Peak season Lean season	370 (no) 370 (no)	1,155	1435			
						Farmers Prace Product recove Cost/Unit(10k Net return (Rs	ery/kg - 350(no g) – 14375	0)				
8.	Osmotic Dehydration of Amla	Due to its perishable nature during peak season it is difficult to	Washing, blanching, segment making, dipping in sugar syrup 60°brix for 24 hours	Amla	5	Technology: Product recove Shelf life (mon				Appreci ated	Appreciated	2.5

	store.		Net return :Rs.3920 from 20kg		
			Farmers Practice:		
			Product recovery/kg: 500g/kg		
			Shelf life (months) : 3 months		
			Net return :Rs.2800 from 20kg		

^{*}Field crops – ton/ha, * for horticultural crops -= kg/t/ha, * milk and meat – litres or kg/animal, * for mushroom and vermicompost kg/unit area.

3.2 Achievements of Frontline Demonstrations during 2020

a. Follow-up for results of FLDs implemented during previous years

List of technologies demonstrated during previous years and popularized during 2020 and recommended for large scale adoption in the district

Sl.	Crop and Variety/		Horizontal spread of technology							
No	Enterprise	Technology demonstrated	No. of villages	No. of farmers	Area in ha					
1.	Rice var.Tampha phou	Popularization of Modified SRI	5	5	1.25					
2.	Rice Var.RC Maniphou 13	Participatory seed production of Rice Var. RC Maniphou-13	10	10	5					
3.	Rice Var.RC Maniphou 12	Popularization of Rice Var. RC Maniphou-12	10	10	3					

^{**} Give details of the technology assessed or refined and farmer's practice

4.	Chilli	Demonstration-Popularisation on management of Thrips and Fruit Borer of chilli	8	8	2.0
5.	Tomato	Mgmt. of Fusarium wilt in Tomato caused by F.Oxysporium	8	8	2.0
6.	Sugarcane	Demonstration on shoot borer and smut management in sugarcane	10	10	2.5
7.	Jackfruit	Popularization of Jackfruit chips	8	8	-
8.	Ring Cutter	Popularization of Ring cutter for bhindi Plucking	8	8	-
9.	Roselle	Popularization of Roselle Jam	5	10	-

^{*}Thematic areas as given in Table 3.1(A1 and A2)

b. Details of FLDs conducted during reporting period (Information is to be furnished in the following three tables for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

Sl.	Сгор	Thematic area	Technology Demonstrated	Season and year	Area (No. of farmers/ demonstration		Reasons for shortfall in achievement	Farming situation (Rainfed/ Irrigated, Soil type, altitude, etc)		atus of s (Kg/ha)			
					Proposed	Actual	SC/ST	Others	Total					
1.	Rice	Integrated Crop Managemen t	Integrated Crop Management in rice	Kharif	1.25	1.25	-	5	5	-	Rainfed	6 0	40	30

2.	Maize	Weed Managemen t	Weed Management in Maize	Kharif	0.75	0.75	-	5	5	-	Irrigate d	8 0	40	30
3.	Rice	Pest management	Popularization of Voliam flexi in management of stem borers and plant hoppers in Rice	Kharif	2.0	2.0	-	8	8	-	Irrigate d	6 0	40	30
4.	Cowpea	Pest management	Popularisation of Emamectin benzoate and yellow sticky traps in Fruit borer and Aphid management	Kharif	2.0	2.0	-	8	8	-	Irrigate d	2 0	40	30
5.	Rice	Seed production	Seed production technology of rice var. RC Maniphou-13	Kharif	5.0	5.0	-	10	10	-	Rainfed	6 0	40	40
6.	Blackgra m	Seed production	Participatory seed production of Black gram Var. PU-31	Kharif	5.0	5.0		10	10	-	Rainfed	2 0	40	30

c. Performance of FLD on Crops during 2020

SI		Thematic	Area	Avg. yield	%	Additional data	Data on parameters	Econ. of demo. (Rs./ha.)	Econ. of check (Rs./Ha.)
No	Crop	area	(ha.)	(Q/ha.)	increas e in	on demo. yield (Q/ha.)	other than yield, e.g., disease		

				Demo.	Check	Avg. yield	Н*	L*		nce, pest nce etc.	GC*	GR**	NR**	BC R**	GC	GR	NR	BCR
									Demo	Local	_							
1.	Rice	Integrated Crop Managem ent	1.25	67.50	58.50	13.3	72.00	65.00	-	-	7200	135000	63000	1.87	75000	117000	42000	1.56
2.	Maize	Weed Managem ent	0.75	27.70	25.00	9.7	30.50	25.00	-	-	3850	71750	33250	1.86	42000	62500	20500	1.48
3.	Rice	Pest managem ent	2.0	60.70	58.78	3.16	63.50	57.80	Stem borer- 25-30% Plant hopper- 50-60%	Stem borer-30-40% Plant hopper-60-70%	1080	133540	25540	1.24	105000	129316	24316	1.23
4.	Cowpe a	Pest managem ent	2.0	56.50	55.00	2.65	58.00	49.00	Fruit borer – 20-25% Aphid- 40-50%	Fruit borer – 30-40% Aphid- 60-70%	6820	213360	145160	3.13	64500	203500	139000	3.15
5.	Rice	Seed pproducti on	5.0	58.00	55.00	5.17	62.00	53.00	-	-	7500	174000	99000	2.32	72000	143000	71000	1.98
6.	Black gram	Seed productio n	5.0	7.00	6.50	7.14	7.80	6.50	-	-	3200	63000	31000	1.96	31000	58500	27500	1.88

*H-Highest recorded yield, L- Lowest recorded yield

** GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio

Produce Sale Price must be as per MSP or Registered Marketing Society

Pl. apply the formula: Net Return= Gross Return-Gross Cost, BCR= GR/GC

Note: Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

d. Extension and Training activities under FLD on Crops

Sl.No.	Activity	No. of activities	Date	Numb	oer of part	icipants	Remarks
	Tearney	organised	Dute	Gen	SC/ST	Total	
1	Field days	1	07/03/2020	23	7	30	Training & distribution of inputs for OFT, FLD Seed production.
2	Farmers Training	12	26/5/2020- 28/5/2020 19/6/2020 26/6/2020 13/7/2020 10/9/2020 24/9/2020 6/10/2020 28/11/2020 30/11/2020	324	72	396	Training & distribution of inputs for OFT, FLD Seed production.

			3/12/2020				
			7/12/2020				
3	Media coverage	2					TV talk,radio talk
4	Training for extension functionaries						
5	Any other (Pl. specify)						
	Total	15		347	79	426	

E .Details of FLD on Enterprises

(i) Farm Implements

Name of				
Implement				

^{*} Field efficiency, labour saving etc.

(ii) Livestock Enterprises

Sl. No.	Enterpr ise/ Categor y (e.g., Dairy,	Them atic area	Name of Techn ology	No. of farme	No. of unit s	No. of animals, poultry birds etc.	Perfor param	ajor mance neters / ators	% chang e in the para meter	Othe paramet any Demo	ers (if	on. of (Rs./I G R		В С	Econ.	of chec	k (Rs	BC R	Rema rks
	Poultry etc.)						Demo	Check				**	**	R **					

** GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio

Produce Sale Price must be as per MSP or Registered Marketing Society

Pl. apply the formula: Net Return= Gross Return-Gross Cost, BCR= GR/GC

Note: Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

(ii) Fisheries

Sl. No.	Categor y, e.g. Commo n carp, orname	Them atic area	Name of Techn	No. of farme	No. of unit s	No. of fish/	Major Perf parameters indicators		% cha nge in the par	Other param (if any De mo	neters		n. of o /Ha.) G R		ВС	Econ. (Rs./F	of chec Ia.)	N R	B C	Remar ks
	ntal fish etc.		ology			ngs	Demo	Check	ame ter			**	**	**	R **				R	
1.	Fish: Catla, Rohu, Mrigal, Silver carp, Grass carp, Commo n carp Duck: Khaki	Integr ated farmin g syste m	Popul arizati on of Fish based integr ated farmin g syste m	7		8000 fingrling s	Fish yield- 3430kg/ha Duck yield- 325 kg Horticultu re yield- 315 kg	Fish yield- 2480kg/ha	38.3			14 68 00	36 70 00	22 02 00	2. 5	153 500	276 300	12 28 00	1.8	

	campbel l Horticu lture crops: cabbage , cauliflo wer, chilli, knol kohl, cucumb er															
2.	Amur common carp Catla, Rohu	Popul arizati on of Amur carp in compo site fish cultur e syste m	7	10000 fingerli ngs Amur carp-4000 Catla-3000 Rohu-3000	Final wt gain of Amur (8 months) - 1200g Yield of the fish (Kg/ha) – 4250 kg	Final wt.gain of local common carp(8 months) - 950g Yield of the fish (Kg/ha) - 3530		47 60 00	10 62 50 0	58 65 00	2. 23	492 600	985 200	49 26 00	2.0	

^{**} GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio

Note: Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

(iii) Other enterprises

Sl. No.	Categor y/ Enterpr ise, e.g., mushro om, vermico mpost, apicultu	Them atic area	Name of Technol ogy	No. of farm ers	No. of unit s	Major Perform parameters / in Demo		% cha nge in the par ame ter	Other parar rs (if De mo	nete	GC **	GR **	NR* *	BC R**		n. of o	N R	B C R	Re mar ks
1.	Roselle	Value additio n	Populari zation of Roselle Jam	10	10	Product Recovery/kg- 1.25litre/kg Carbohydrate - 33.72 Protein-0.18 Sugar content-33.18 Shelf life (months)- 6	Product Recovery/kg- 1.0litre/kg Carbohydrate - 30.3 Protein- 0.28 Sugar content-23.74 Shelf life (months)- 6	25			845	180	955	2.1	45 5	60 0	14 5	1. 3	
2.	Assam mix	Value additio n	Populari zation of Assam mix	10	10	Adoption %-80% Shelf life-3					249	-	-	-	55 5	-	-	-	

				months												
				Consumer preference - Like slightly (based on 5 point Hedonic scale) Monthly Body weight(6 to 12 months) in Kg- Aug- 6.5 kg Sept- 6.9 kg Oct- 7.4kg Nov – 7.8 kg Dec – 8.2 kg Jan – 8.7 kg Feb – 9.3 kg												
3.	Oilseed Mustard var. NRCHB -101 under zero tillage	Impact Assess ment	Impact study on CFLD of oilseed Mustard Var. NRCHB	Variety- NRCHB-101 Crop Yield (q/ha)- 8.20 Increase in	Variety-Local Cultivar Yella Crop Yield (q/ha)-7.80 Increase in income (net income in	15.2		245 00	574 00	329 00	1.34	24 00 0	50 70 0	26 70 0	1. 11	Mod erat ely acce pted by farm ers

cultivati	Impact	-101 Under Zero Tillage Conditio n	income (net income in Rs.)-32900 Adoption rate-135	Rs.)-26700	18.8 4 85.1 8		Dod			Dod	Pa	Pa	Po	Po	base d on crop oil cont ent, yiel d and loca lly suita ble
Extent of Utilizati on of Soil Health Card prepared and distribut ed by KVK	Impact Assess ment	Extent of Utilizati on of Soil Health Card prepared and distribut ed by KVK	Kharif: Paddy Crop Yield (q/ha)-52.0 Increase in income (net income in Rs.)-55700 Rabi: Field Pea Crop Yield (q/ha)- 9.20 Increase in income (net income in Rs.)- 16750	Kharif: Paddy Crop Yield (q/ha)-47.0 Increase in income (net income in Rs.)-40200 Rabi: Field Pea Crop Yield (q/ha)- 7.30 Increase in income (net income in Rs.)-525	9.61 27.8 2 20.6 5 68.6 5		Pad dy: 790 94 Fiel d Pea: 295 00	134 794 Fiel d pea: 920 00	557 00 Fiel d Pea 625 00	Pad dy: 1.42 Fiel d Pea: 3.1	Pa dd y: 24 00 0	Pa dd y: 11 75 00 fie ld pe a: 73 00 0	Pa dd y: 40 20 0	Pa dd y: 1. 34 Fi el d Pe a: 2. 35	Use s of imb alan ce ferti lizer lead s to incr ease in cost of culti vati on

** GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio

Note: Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

(v) Farm Implements and Machinery

SI	. No.	Name of implement	Crop	Name of Technolo gy demonstr ated	No. of farmers	Area (In ha.)	Field obser (Output/ ma	% change in the paramete r	Labour reductio n (Man days)	Cost reduction (Rs. per ha. or Rs. per unit etc.)	Remarks
	1										

f. Performance of FLD on Crop Hybrids

Sl.	Crop	Name of hybrids	Area (ha.)	No. of farmers	Avg. yie (Q/ha.)	eld	% increase in Avg. yield	Addit data o demo. (Q/ha	n yield	Econ. of	f demo. (F	Rs./Ha.)		Econ. of	f check (R	ks./Ha.)	
No.					Demo.	Check		Н*	L*	GC**	GR**	NR**	BC R**	GC	GR	NR	BCR

^{*}H-Highest recorded yield, L- Lowest recorded yield

Note: Economics to be worked out based on total cost of production per unit area and not on critical inputs alone.

^{**} GC- Gross Cost, GR- Gross Return, NR- Net Return, BCR- Benefit-Cost Ratio

3.3. Achievements on Training during 2020

3.3.1. <u>Farmers and Farm Women</u> in <u>On Campus</u> including <u>Sponsored On Campus</u> Training Programmes training programmes sponsored by external agencies)

(*Sp. On means On Campus

		f Cour	ses/										Par	ticipan	ts							
			Tot			Ge	neral					S	C/ST					Tot	tal			
Thematic	On-	Spo nO	al	M	ale	Fer	nale	To	tal	M	ale	Fer	nale	To	otal	M	ale	Fen	nale	To	tal	Gran
area	Camp us (1)	no n*	(1+2)	O n (4	Sp. On (5)	O n (6	Sp. On (7)	On (a= 4+ 6)	Sp. On (b= 5+ 7)	O n (8	Sp. On (9)	O n (1 0)	Sp. On (11	On (c= 8+1 0)	Sp. On (d= 9+1 1)	On (4+ 8)	Sp. On (5+ 9)	On (6+1 0)	Sp. On (7+1	O n (x = a +c)	Sp. On (y= b +d)	d Total (x+y)
I. Crop Produc	ction	1		ı	I						I	l	I	1	1							
Weed Managemen t	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Resource Conservatio n Technologie s	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cropping Systems	1	-	1	10	-	-	-	10	-	5	-	-	-	5	-	15	-	-	-	15	-	15
Crop Diversificati	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

on																						
Integrated Farming	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Water managemen t	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Seed production	1	-	1	16	-	-	-	16	-	-	-	-	-	-	-	16	-	-	-	16	-	16
Nursery managemen t	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Crop Managemen t	1	-	1	14	-	-	-	14	-	-	-	-	-	-	-	14	-	-	-	14	-	14
Fodder production	-	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	-	-	-	-
Production of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
II. Horticultur	е					1						I			1	1	1		ı	I		<u> </u>
a) Vegetable	Crops																					
Production of low volume and high value	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

	1	1											1	1								1
crops																						
Off-season vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery raising	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Exotic vegetables like Broccoli	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-
Export potential vegetables	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	1	-	-	-	1	1	-
Grading and standardizat ion	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Protective cultivation (Green Houses, Shade Net etc.)	-	-	-	-	-	1	1	-	-	1	-	-	-	-	-	-	-	1	1	ī	1	-
b) Fruits					•										•							
Training and Pruning	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Layout and Managemen t of	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Orchards																						
Cultivation	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	-	_	_	_	_
of Fruit							_		_				_								_	
Managemen t of young plants/orch ards	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-
Rejuvenatio n of old orchards	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-
Export potential fruits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	=	-	-	-	-
Micro irrigation systems of orchards	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plant propagation techniques	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c) Ornamenta	al Plants																					
Nursery Managemen t	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Managemen t of potted	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

plants																						
Export potential of ornamental plants	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-
Propagation techniques of Ornamental Plants	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-
d) Plantation	crops																					
Production and Managemen t technology	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-
e) Tuber crop	S	I				I		l						l	I.				l			
Production and Managemen t technology	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	i	-

f) Spices																						
Production and Managemen t technology	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
g) Medicinal	and Arom	natic Pla	ints	1		l			l.									I	I	l	I	1
Nursery managemen t																						
Production and managemen t technology																						
Post harvest technology and value addition																						
III Soil Health	and Fert	ility Ma	nagem	ent																		
Soil fertility managemen t																						
Soil and Water Conservatio																						

n																						
Integrated																						
Nutrient																						
Managemen																						
t																						
Production																						
and use of																						
organic																						
inputs																						
Managemen																						
t of																						
Problematic																						
soils																						
Micro																						
nutrient																						
deficiency in																						
crops																						
Nutrient																						
Use																						
Efficiency																						
Soil and	1	-	1	13	-	-	-	13	-	7	-	-	-	7	-	20	-	-	-	20	-	20
Water																						
Testing																						
IV Livestock P	roduction	n and N	lanagei	ment	<u> </u>										<u> </u>	<u> </u>			<u> </u>			
Dairy																						
Managemen																						
t																						

Poultry																						
Managemen	1	_	1	12	-	3	-	15	-	5	_	_	_	5	_	17	_	3	-	20	-	20
	1	-	1	14		0		19		Э	_			3		17	_	0		20		20
t																						
Piggery				35	-	5	-	40	-	15	-	5	-	20	-	50	-	10	-	60	-	60
Managemen	3	_	3																			
t																						
Rabbit																						
Managemen																						
t																						
Disease																						
Managemen																						
t																						
Feed																						
managemen																						
t																						
Production																						
of quality																						
animal																						
products																						
V Home Scien	so /Mom	on omn	Owerm	ont.																		
v nome scien	ce/ wolli	en emp	oweili	ient																		
Household																						
food																						
security by																						
kitchen																						
gardening																						
and																						
nutrition																						
gardening																						
garueriirig																						
	l	1		<u> </u>	l											l .						

Design and developmen t of low/minimu m cost diet																						
Designing and developmen t for high nutrient efficiency diet																						
Minimizatio n of nutrient loss in processing																						
Gender mainstreami ng through SHGs																						
Storage loss minimizatio n techniques																						
Value addition	3	-	3	5	-	15	-	20	-	-	-	15	-	15	-	5	-	30	-	5	-	35
Income generation activities for	2	-	2	3	-	15	-	18	-	2	-	10	-	12	-	5	-	25	-	30	-	30

	1	1	1	1		1	1	1			1		1	1	
empowerm															
ent of rural															
Women															
Location															
specific															
drudgery															
reduction															
technologie															
S															
Rural Crafts															
Women and															
child care															
VI Agril. Engi	neering														<u> </u>
V1761111 E11611	icci iiig														
Installation															
and															
maintenanc															
e of micro															
irrigation															
systems															
Use of															
Plastics in															
farming															
practices															
Production															
of small															
tools and															
implements															
															1

Repair and maintenance of farm machinery and implements																							
e of farm machinery and implements	Repair and																						
Small scale processing and value addition Image: square processing addition and																							
Small scale processing and wild and substitution of biocontrol of pests and diseases Image: Control of pests and dis																							
Implements Impleme																							
Small scale processing and value addition Image: Control of pests and diseases Image: Control of pe	and																						
processing and value addition Image: Control of pests and diseases Image: Control of pests and dise	implements																						
and value addition																							
Addition Regard R																							
Post Harvest Technology Roy																							
Technology	addition																						
VII Plant Protection																							
Integrated Pest Managemen t Integrated Disease Managemen t Bio-control of pests and diseases Production of bio control agents and	Technology																						
Pest Managemen t Integrated Disease Managemen t Bio-control of pests and diseases Production of bio control agents and	VII Plant Prot	ection		ı			I		,		I					l		I	l	l			
Managemen t Integrated Disease Managemen t Bio-control of pests and diseases Production of bio control agents and	Integrated	1	-	1	15	-	-	-	15	-	5	-	-	-	5	-	20	-	-	-	20	-	20
t	Pest																						
Integrated Disease Managemen t Bio-control of pests and diseases Production of bio control agents and	Managemen																						
Disease Managemen t Bio-control of pests and diseases Production of bio control agents and	t																						
Managemen t	Integrated																						
Bio-control of pests and diseases Production of bio control agents and	Disease																						
Bio-control of pests and diseases Production of bio control agents and	Managemen																						
of pests and diseases Production of bio control agents and	t																						
Production of bio control agents and	Bio-control																						
Production of bio control agents and																							
of bio control agents and	diseases																						
control agents and																							
agents and	of bio																						
bio	control																						

pesticides																						
VIII Fisheries			ı					I				ı	I	l	l		ı	l				
Integrated fish farming	1	-	1	5	-	5	-	20	-	-	-	-	-	-	-	20	-	-	-	20	-	20
Carp breeding and hatchery managemen t																						
Carp fry and fingerling rearing																						
Composite fish culture																						
Hatchery managemen t and culture of freshwater prawn																						
Breeding and culture of ornamental fishes																						
Portable plastic carp																						

hatchery												
Pen culture												
of fish and												ı
prawn												ı
pravii												ı
Shrimp												
farming												İ
Edible												
oyster												ı
farming												İ
Pearl												
culture												l
Fish												
processing												ı
and value												ı
addition												1
IX Production	of Inputs	at site										
Seed												
Production												ı
Froduction												1
Planting												-
material												ı
production												1
Bio-agents												
production												İ
Bio-												
pesticides												ı
production												
												ı

Bio-fertilizer													
production													
production													
Vermi-													
compost													
production													
•													
Organic													
manures													
production													
Production													
of fry and													
fingerlings													
Production													
of Bee-													
colonies and													
wax sheets													
Small tools													
and													
implements													
Production													
of livestock													
feed and													
fodder													
Production													
of Fish feed													
X Capacity Bu	ilding and	l Group	Dynan	nics									
Leadership													
developmen													

t																						
Group dynamics																						
Formation and Managemen t of SHGs	1	-	1	17	-	2	-	19	-	6	-	-	-	6	-	23	-	2	-	25	-	25
Mobilization of social capital																						
Entrepreneu rial developmen t of farmers/you ths	1	-	1	14	-	-	-	14	•	6	•	-	-	20	-	20	-	-	-	20	•	20
WTO and IPR issues																						
XI Agro-forest	ry																					
Production technologie s																						
Nursery managemen t																						
Integrated Farming																						

Systems																						
TOTAL	16	0	16	15 4	0	40	0	19 4	0	51	0	30	0	95	0	205	0	70	0	24 5	0	275

3.3.2. Achievements on Training of <u>Farmers and Farm Women</u> in <u>Off Campus</u> including <u>Sponsored Off Campus</u> Training Programmes (*Sp. Off means Off Campus training programmes sponsored by external agencies)

	No. of C	Courses	s/ prg.									P	articip	ants								Gra nd
						Ge	neral					S	C/ST					Tot	tal			Tota
Thematic area	Off	Sp Off	Tot	M	ale	Fei	male	To	otal	M	ale	Fer	nale	To	tal	M	ale	Fer	nale	To	otal	1
		*	al	Of f	Sp Off *	Of f	Sp Off *	Off	Sp Off *	Of f	Sp Off *	Of f	Sp Off *	Off	Sp Off *	Off	Sp Off *	Off	Sp Off*	Of f	Sp Off *	
I. Crop Produ	ction	<u> </u>							<u> </u>												<u> </u>	
Weed																						
Managemen t																						
Resource Conservatio																						
Technologie s																						
Cropping Systems	1	-	1	20	-	-	-	20	-	-		-	-	-	-	20	0	-	-	20	-	20
Crop Diversificati																						

on													
Integrated													
Farming													
Water													
managemen													
t													
Seed													
production													
Nursery													
managemen													
t													
Integrated													
Crop													
Managemen													
t													
Fodder													
production													
Production													
of organic													
inputs													
II. Horticulture	2												
a) Vegetable (Crops												
Production													
of low													
volume and													
high value													
		1	 		 	 		 	 	 	1		

crops													
Off-season													
vegetables													
Nursery													
raising													
Exotic													
vegetables													
like Broccoli													
Export													
potential													
vegetables													
Grading and													
standardizat													
ion													
Protective													
cultivation													
(Green													
Houses,													
Shade Net													
etc.)													
b) Fruits			'	<u> </u>			'						
Training and													
Pruning													
Layout and													
Managemen													
t of													

Orchards												
Cultivation												
of Fruit												
Managemen												
t of young												
plants/orch												
ards												
Rejuvenatio												
n of old												
orchards												
Export												
potential												
fruits												
Micro												
irrigation												
systems of												
orchards												
Plant												
propagation												
techniques												
c) Ornamenta	l Plants											1
Nursery												
Managemen												
t												
Managemen												
t of potted												<u> </u>

			 	1	1	 						
plants												
Export												
potential of												
ornamental												
plants												
Propagation												
techniques												
of												
Ornamental												
Plants												
d) Plantation	crops											
Production												
and												
Managemen												
t technology												
Processing												
and value												
addition												
e) Tuber crops	s											
Production												
and												
Managemen												
t technology												
Processing												
and value												
addition												

f) Spices																						
Production and Managemen t technology																						
Processing and value addition																						
g) Medicinal a	nd Arom	atic Pla	nts									I		I	I		l	<u> </u>				
Nursery managemen t																						
Production and managemen t technology																						
Post harvest technology and value addition																						
III Soil Health	and Ferti	lity Ma	nagem	ent																		
Soil fertility managemen t	1	-	1	20	-	-	-	20	-	-	-	-	-	-	-	20	0	-	-	20	-	20
Soil and Water Conservatio																						

n																						
Integrated Nutrient Managemen t																						
Production and use of organic inputs	1	-	1	15	-	5	-	20	-	-	-	-	-	-	-	15	-	5	-	20	-	20
Managemen t of Problematic soils																						
Micro nutrient deficiency in crops																						
Nutrient Use Efficiency																						
Soil and Water Testing																						
IV Livestock P	roduction	and N	lanagei	ment																<u> </u>		
Dairy Managemen t	1	-	1	17	-	3	-	20	-	5	-	-	-	5	-	22	-	3	-	25	-	25

1	-	1	17	-	5	-	22	-	-	-	•	-	-	-	17	-	5	-	22	-	22
ce/Wome	en emp	owerm	ent																		

Design and developmen t of low/minimu m cost diet																						
Designing and developmen t for high nutrient efficiency diet																						
Minimizatio n of nutrient loss in processing																						
Gender mainstreami ng through SHGs																						
Storage loss minimizatio n techniques																						
Value addition	2	-	2	-	-	20	-	20	-	-	-	-	-	-	-	-	-	20	-	20	-	20
Income generation activities for																						

													1
empowerm													
ent of rural													
Women													
Location													
specific													
drudgery													
reduction													
technologie													
S													
Rural Crafts													
Women and													
child care													
VI Agril. Engir	neering				I	I							
Installation													
and													
maintenanc													
e of micro													
irrigation													
systems													
Use of													
Plastics in													
farming													
practices													
Production													
of small													
tools and													
implements													

					1	1	1							1	1			1				1
Repair and																						
maintenanc																						
e of farm																						
machinery																						
and																						
implements																						
Small scale																						
processing																						
and value																						
addition																						
Post Harvest																						
Technology																						
VII Plant Prot	ection	1	1		I		ı	1		<u> </u>										<u> </u>		1
Integrated	5	-	5	70	-	10	-	80	-	15	-	5	-	20	-	85	-	15	-	10	-	100
Pest																				0		
Managemen																						
t																						
Integrated																						
Disease																						
Managemen																						
t																						
Bio-control																						
of pests and																						
diseases																						
Production																						
of bio																						
control																						
agents and								I														

bio pesticides																						
VIII Fisheries														I				I				
Integrated fish farming	1	-	1	18	-	3	-	21	-	-	-	-	-	-	-	18	-	3	-	21	-	21
Carp breeding and hatchery managemen t																						
Carp fry and fingerling rearing																						
Composite fish culture	2	-	2	17	-	-	-	17	-	3	-	2	-	5	-	20	-	2	-	22	-	22
Hatchery managemen t and culture of freshwater prawn																						
Breeding and culture of ornamental fishes																						

Portable																						
plastic carp																						
hatchery																						
пасспету																						
Pen culture																						
of fish and																						
prawn																						
p. 4																						
Shrimp																						
farming																						
Edible																						
oyster																						
farming																						
Pearl																						
culture																						
Fish				20	-	-	-	20	-	-	-	-	-	-	-	20	-	-	-	20	-	20
processing	1	_	1																			
and value																						
addition																						
IX Production	of Innuts	at site																				
	. oput	, ut 5.10																				
Seed																						
Production																						
Planting																						
material																						
production																						
Bio-agents																						
production																						

Bio- pesticides production																					
Bio-fertilizer production																					
Vermi- compost production																					
Organic manures production																					
Production of fry and fingerlings																					
Production of Bee- colonies and wax sheets	1	-	1	25	-	-	-	25	-	1	-	•	-	-	-	25	1	-	•	25	25
Small tools and implements																					
Production of livestock feed and fodder																					
Production of Fish feed																					

X Capacity Bu	ilding an	d Group	Dynai	mics																		
Leadership developmen t																						
Group dynamics																						
Formation and Managemen t of SHGs	2	-	2	27	-	5	-	32	-	5	-	-	-	5	-	32	-	5	-	37	-	37
Mobilization of social capital																						
Entrepreneu rial developmen t of farmers/you ths	2	-	2	10	-	3	-	13	-	10	-	5	-	15	-	20	-	8	-	28	-	28
WTO and IPR issues																						
XI Agro-forest	ry	1		1			1		1						l						1	1
Production technologie s																						
Nursery managemen																						

t																						
Integrated Farming Systems																						
TOTAL	21	0	21	26 8	0	54	0	31 2	0	38	0	12	0	50	0	314	0	66	0	38 0	0	380

(B) RURAL YOUTH

3.3.3. Achievements on Training Rural Youth in On Campus including Sponsored On Campus Training Programmes

(*Sp. On means On Campus training programmes sponsored by external agencies)

		f Cour Prog	ses/									Pa	articip	ants								Gran d Total
			Tot		f - 1 -		neral	Tr.	4-1				C/ST	T-4-1		Mala		Tot		T. 4	. 1	(x +
Thematic			al	IVI	lale	Fei	male	10	tal	IVI	ale	Fei	male	Total		Male		Femal	e	Tota	ll	y)
area	On (1)	Sp On *	(1+ 2)	O n (4	Sp. On (5)	O n (6	Sp. On (7)	On (a= 4+ 6)	Sp. On (b= 5+ 7)	O n (8	Sp. On (9)	O n (1 0)	Sp. On (11	On (c= 8+1 0)	Sp. On (d= 9+1 1)	On (4+ 8)	Sp. On (5+9)	On (6+1 0)	Sp. On (7+1 1)	O n (x = a +c)	Sp. On (y= b +d)	
Mushroom Production																						
Bee-keeping	-	1	1	-	10	-	-	-	10	-	5	-	-	-	5	-	15	-	15	-	15	15
Integrated farming																						

Seed production	-	1	1	-	16	-	-	-	16	-	-	-	-	-	-	-	16	-	16	-	16	16
Production of organic inputs																						
Integrated Farming	1	-	1	10	-	-	1	10	ı	5	-	-	-	5	-	15	-	-	-	15	-	15
Planting material production																						
Vermi- culture																						
Sericulture																						
Protected cultivation of vegetable crops																						
Commercial fruit production																						
Repair and maintenanc e of farm machinery and implements																						

Nursery Managemen t of Horticulture crops																						
Training and pruning of orchards																						
Value addition	-	1	-	2	-	20	-	22	-	-	2	-	11	-	13	-	4	-	31	-	35	35
Production of quality animal products																						
Dairying	1	-	1	13	-	-	-	13	-	7	-	-	-	7	-	20	-	-	-	20	-	20
Sheep and goat rearing																						
Quail farming																						
Piggery	2	-	2	17	-	12	-	29	-	9	-	7	-	16	-	26	-	19	-	45	-	45
Rabbit farming	-																					
Poultry production	2	2	4	24	18	4	5	28	23	5	2	4	0	9	2	29	20	6	5	35	25	60
Ornamental fisheries	-	1	1	-	15	-	-	-	15	-	-	-	-	-	-	-	15	-	-	-	15	15

Para vets																						
Para extension workers	1	2	3	15	10	3	2	18	12	-	4	-	-	-	4	15	14	3	2	18	16	34
Composite fish culture																						
Freshwater prawn culture																						
Shrimp farming																						
Pearl culture																						
Cold water fisheries																						
Fish harvest and processing technology																						
Fry and fingerling rearing																						
Small scale processing																						
Post Harvest Technology																						

Tailoring																						
and																						
Stitching																						
Rural Crafts																						
Rural Clarts																						
TOTAL	7	8	15	81	69	39	7	12	76	26	13	11	11	37	24	105	84	28	69	13	12	255
								0												3	2	

3.3.4. Achievements on Training of Rural Youth in Off Campus including Sponsored Off Campus Training Programmes

(*Sp. Off means Off Campus training programmes sponsored by external agencies)

		of Cour Prog.	ses/									P	articip	ants								Gran d Total
Thematic						Ge	neral					S	C/ST					To	tal			Total
area	Off	Sp	Tot	M	ale	Fei	male	To	otal	M	ale	Fei	nale	To	otal	M	ale	Fer	nale	To	otal	
	On	Off	al	Of f	Sp Off *	Of f	Sp Off *	Off	Sp Off *	Of f	Sp Off *	Of f	Sp Off *	Off	Sp Off *	Off	Sp Off *	Off	Sp Off*	Of f	Sp Off *	
Mushroom Production	1	-	1	20	-	-	-	20	-	-	-	10	-	10	-	20	-	10	-	30	-	30
Bee-keeping																						
Integrated farming																						
Seed production	1	-	1	15	-	-	-	15	-	-	-	-	-	-	-	15	-	-	-	15	-	15
Production of organic																						

inputs																						
Integrated Farming	1	-	1	18	-	4	-	22	-	-	-	-	-	-	-	18	-	4	-	22	-	22
Planting material production																						
Vermi- culture																						
Sericulture																						
Protected cultivation of vegetable crops																						
Commercial fruit production																						
Repair and maintenanc e of farm machinery and implements																						
Nursery Managemen t of Horticulture crops																						

Training and pruning of orchards																						
Value addition	1	-	1	3	-	17	-	20	-	ī	-	-	-	-	-	3	-	17	-	20	-	20
Production of quality animal products																						
Dairying																						
Sheep and goat rearing																						
Quail farming																						
Piggery																						
Rabbit farming																						
Poultry production																						
Ornamental fisheries																						
Para vets																						
Para extension workers																						

Composite											
fish culture											
Freshwater											
prawn											
culture											
Shrimp											
farming											
Pearl											
culture											
Cold water											
fisheries											
Fish harvest											
and											
processing											
technology											
Fry and											
fingerling											
rearing											
Small scale											
processing											
Post Harvest											
Technology											
Tailoring											
and											
Stitching											
Rural Crafts											

TOTAL	4	0	4	38	0	21	0	77	0	0	0	10	0	10	0	56	0	31	0	87	0	87

C. Extension Personnel

3.3.5. Achievements on Training of Extension Personnel in On Campus including Sponsored On Campus Training Programmes

(*Sp. On means On Campus training programmes sponsored by external agencies)

		f Cour prog	ses/									Pa	articip	ants								Gran d Total
				Gen	eral					SC/	ST					Total	l					(x +
Thematic			Tot al	M	ale	Fer	nale	Tota	1	Mal	le	Fem	ale	Total		Male		Femal	e	Tota	ıl	y)
area	On (1)	Sp On *	(1+ 2)	O n (4	Sp. On (5)	O n (6	Sp. On (7)	On (a= 4+ 6)	Sp. On (b= 5+ 7)	O n (8	Sp. On (9)	O n (1 0)	Sp. On (11	On (c= 8+1 0)	Sp. On (d= 9+1 1)	On (4+ 8)	Sp. On (5+9)	On (6+1 0)	Sp. On (7+1	O n (x = a +c)	Sp. On (y= b +d)	
Productivity enhanceme nt in field crops	1	-	1	8	-	5	-	13	-	2	-	-	-	2	-	10	-	5	-	15	-	15
Integrated Pest Managemen t	1	-	1	13	-	-	-	13	-	7	-	-	-	7	-	20	-	-	-	20	-	20
Integrated Nutrient managemen t																						

Rejuvenatio n of old orchards																						
Protected cultivation technology	1	-	1	17	-	-	-	17	-	3	1	1	-	3	-	20	-	-	-	20	-	20
Formation and Managemen t of SHGs																						
Group Dynamics and farmers organization																						
Information networking among farmers																						
Capacity building for ICT application																						
Care and maintenanc e of farm machinery and implements																						

WTO and IPR issues																						
Managemen t in farm animals	1	-	1	8	-	5	-	13	-	2	-	-	-	2	-	10	-	5	-	15	-	15
Livestock feed and fodder production	1	-	1	8	-	5	-	13	-	5	-	2	-	7	-	13	-	7	-	20	-	20
Household food security																						
Women and Child care																						
Low cost and nutrient efficient diet designing																						
Production and use of organic inputs																						
Gender mainstreami ng through SHGs																						

Total	!	5 0	5	54	0	15	0	69	0	19	0	2	0	21	0	73	0	17	0	90	0	90
3.3.6. Achieve										_			ored C	Off Can	npus Ti	raining	Progra	ammes				<u> </u>
(*Sp. Off me				ing p	rogran	nmes	spons	ored b	y exte	rnal a	gencie	es)										ı
	No.	of Cour prog.	ses/									P	articip	ants								Gra d
Thematic				Gen	eral					SC/	ST					Total	<u> </u>					Tota
area	Off	Sp	Tot	M	ale	Fei	male	To	tal	M	ale	Fer	nale	Total		Male		Femal	e	Tota	ıl	
	On	Off*	al	Of f	Sp Off *	Of f	Sp Off *	Off	Sp Off *	Of f	Sp Off *	Of f	Sp Off *	Off	Sp Off *	Off	Sp Off *	Off	Sp Off*	Of f	Sp Off *	
Productivity enhanceme nt in field crops																						
ntegrated Pest Managemen																						
ntegrated Nutrient nanagemen																						
Rejuvenatio n of old orchards																						

Protected cultivation											
technology											ı
Formation and											
Managemen											.
t of SHGs											ı
Group											
Dynamics and farmers											i
organization											1
Information networking											
among											
farmers											1
Capacity											
building for ICT											1
application											1
Care and											
maintenanc e of farm											ı
machinery											ı
and											į
implements											ı
WTO and											
IPR issues											
Managemen											
t in farm											

animals											
Livestock											
feed and											
fodder											
production											
Household											
food											
security											
Women and											
Child care											
Low cost											
and nutrient											
efficient											
diet											
designing											
Production											
and use of											
organic											
inputs											
Gender											
mainstreami											
ng through											
SHGs											
TOTAL											

Note: Please furnish the details of above training programmes as Annexure in the proforma given below

Annexure 1: Details of Training Programme (On Campus including Sponsored On Campus) for Farmers, Farm Women, Rural Youth and Extension Personnel

Discipline	Area of trainin	Title of the training programme	Date (From – to)	Duration in days	Venue	Please specify Beneficiary group (Farmer & Farm women/ RY/ EP and NGO Personnel)		General			SC/ST	•	Gra	and Tot	al
	g	programme	10,			and recornery	M	F	Т	М	F	T	М	F	Т
Agronomy	bio fertiliz er prodn	Exploring Different types of organic input production from in-situ residues, packaging & marketing thereof	10/01/20 20 to 13/01/20 20	3	KVK, Thoubal	Farmers	11	0	11	7	2	9	18	2	20
	Post harvest techno logy	Post harvest management of paddy and value addition of rice under schedule caste sub plan	16-01-20	1	KVK, Thoubal	Farmers	0	0	0	23	2	25	23	2	25
	Organi c farmin g	Skill training for Organic Grower	21-02-20 to 20-03- 20	28	KVK, Thoubal	RY	18	0	0	2	0	2	20	0	20

	Seed produc tion	Scientific cultivation of kharif pulses and oilseeds	4-08-20	1	online	Farmer	17	3	20	2		2	19	3	22
	Seed prod.	Market potentials of certified rice seed production	17-08-20	1	Online	RY	16	2	18	3		3	19	2	21
	croppi ng system and seed prodn	SRI/ICM and seed production of rice	25-09-20	1	KVK, Thoubal	EP	13	3	16	2	0	2	15	3	18
	Croppi ng system	Scientific cultivation of rabi field crops	19-10-20	1	KVK, Thoubal	Farmer	17	4	21	5		5	22	4	26
Plant Protection	IPM	IPM in Vegetable crops	18-02- 2020	1	KVK	Farmer	12	0	12	2	3	5	14	3	17
	Bio control of pest and disease	Management of stored grain pest	20-2-20	1	KVK	Farmer	13	2	15	3	2	5	16	4	20

Fishery	Scienti fic fish farmin g	Scientific fish farming	17-01-20	1	KVK, Thoubal	Farmer	11	4	15	1		1	12	4	16
	water mgmt.	Water quality management in fish farming	27-02-20 to 29-02-20	3	KVK, Thoubal	Farmer	9	3	12	2		2	11	3	14
	breedi ng and culture of ornam ental fishes	Ornamental fish farming	10-08-20	1	online	RY									
	breedi ng and culture of ornam ental fishes	Aquarium fabrication and maintenance	21-09-20 to 23-09- 20	3	KVK	RY	11	2	13	2		2	13	2	15
Home science	Value additio n	Value addition of winter fruits	13-01-20 to 15-01- 20	3	KVK,T houbal	RY	3	7	10		5	5	3	12	15

value additio n	Enhancing Agricultural Marketing Through value addition of Horticultural crops	10-02-20 to 12-02- 20	3	KVK, Thoubal	Farmer	2	8	10	3	3	6	5	11	16
Value additio n	Osmotic dehydration of mango	9-06-20	1	KVK, Thoubal	Farm Women	2	8	10		6		2	14	16
Value additio	Value addition of fruits	16-07-20 to 18-07- 20	3	KVK,T houbal	Farm Women	1	10	11		3	3	1	13	14
Value additio n	Value addition of underutilized minor fruits	29-08-20	1	Online	Farmer	2	11	13		4	4	2	15	17
Value additio n	Nutrition and capacity development	20-09-20 to 29-09- 20	10	Anganw adi centre & KVK	EP		9	9				0	9	9
Value additio n	Preparation of Roselle Jam	26-11-20	1	KVK, Thoubal	Farm Women		8	8		4	4	0	12	12
Value additio n	Value addition of fruits, vegetables and pulses	3-12-20 to 7-12- 20	5	KVK,T houbal	Farmer		9	9		5	5	0	14	14

Agri Ext	Group dynam ics	Impact of climate change in Agricultureits mitigation & adaptation strategy in Manipur	16/01/20	1	KVK, Thoubal	Farmer	13		13	5		5	18	0	18
	Group dynam ics	5 days Farmers trg programme on transfer of agricultural technology or DFI	21-02-20 to 25-02-20	5	KVK	Farmer	10		10	3		3	13	0	13
	Group dynam ics	Intervention of ICT in Agricultural marketing	6-08-20	1	Online	Farmer	14		14	3	1	4	17	1	18
Animal Science	Poultr y produc tion	Skill Training on Broiler Farm Worker	29-01-20 to 28-02- 20	31	KVK, Thoubal	RY	18	4	22	1		1	19	4	23
	Dairyi ng	Stry training on Rearing of improved breeds and rearing of cattle and management	14-02-20 to 19- 02-20	7	KVK	RY	13	2	15				13	2	15

	Pigger y	Scientific piggery farming	9-06-20 to 11-06- 20	3	KVK	Farmer	10	10				10	0	10
	Pigger y	Bokashi piggery	29-07-20	1	online	Farmer	9	9				9	0	9
	Pigger y	Scientific piggery farming	25-08-20	1	Online	Farmer	9	9	7	4	11	16	4	20
	Pigger y	Sponsored trg. on Rural livelihood	9-12-20	1	KVK, Thoubal	RY	11	11	2	2	4	13	2	15
	Poultr y prodn.	Scientific broiler farming	13-11-20	1	Online	RY	14	14	3	3	6	17	3	20
	Pigger y	Scientific Bokashi piggery farming	17-12-20 to 19-12- 20	3	KVK, Thoubal	Farmer	13	13	5	3	8	18	3	21
Prog.Asst. Computer	mobili zation of social capital	Training on ICT	10-06-20 to 12-06- 20	3	KVK, Thoubal	RY	16	16	2		2	18	0	18
	-do-	Agriculture related ICTs	1	26-06-20	KVK,T houbal	Farmer	8	8	6		6	14	0	14
	-do-	Used of KVK mobile app	1	26-08-20	online	RY	13	13	2		2	15	0	15

Farm	Soil	Soil Health	15-07-20	1	Online	PF									
Manager	Health	management													
	mgmt	for					10		10	3	2	5	13	2	15
		sustainable													
		Agriculture													
	a :1	-	24.00.20		0.11										
	Soil	Importance	24-09-20	1	Online										
	Health	of soil					10		10	5		5	15	0	15
	mgmt	testing and													
		its benefits													
Total									43	10					62
							358	99	9	9	54	163	467	153	0

Annexure 2: Details of Training Programme (Off Campus including Sponsored Off Campus) for Farmers, Farm Women, Rural Youth and Extension Personnel

Discipline	Area of trainin	Title of the training programme	Date (From – to)	Duration in days	Venue	Please specify Beneficiary group (Farmer & Farm women/ RY/ EP and NGO Personnel)		General rticipan			SC/ST		Gr	and Tot	al
	g	programme				and recording,	M	F	T	М	F	Т	М	F	T
Agronomy	Scienti fic cultiva tion of rice	Scientific cultivation of rice	7-4-20	1	Lourem	Farmers	16	4	20				16	4	20
	ICM	Scientific cultivation of rabi field crops	9-10-20	1	Thoubal moijing		15	3	18				15	3	18
	SRI	SRI	25-6-20	1	Wanjing	Farmers	20		20	0	0	0	20	0	20

PBG	Seed produc tion	Cultivation of RC Maniphou- 13 for seed production	19-6-19	1	Wangoo	Farmers	19	2	21	0	0	0	19	2	21
Plant Protection	Mushr oom Cultiv ation	Mushroom Cultivation	18-01-20 to 20-01- 20	3	Kakchin g Khunou	Farm Women			0	17	5	22	17	5	22
	Pest mgmt.	Pest mgmt. of potato	13-02-20 to 15-02- 20	3	Oinam Sawomb ung	Farmer	16	2	18				16	2	18
	IPM	Training on IPM	17-06-20 to 17-06- 20	1	Tekcha m	Farmer	23	0	23				23	0	23
	IPM	IPM in rice	26-06-20 to 27-06- 20	2	Langme idong	Farmer	17	2	19				17	2	19
	IPM	IPM in rice	13-07-20 to 15-07- 20	3	Thoubal Kshetri Leikai	Farmer	22	0	22				22	0	22
	IPM	IPM in and around our house	17-12-20	1	Langath el	RY	12	3	15				12	3	15
Fishery	Scienti fic fish farmin g	Fish Diseases and their control measures	14-01-20 to 16-01- 20	3	Tekcha m	Farmers	19	2	21				19	2	21

	Water quality mgmt.	Water quality management in fish farming	17-05-20 to 19-05-20	3	Lourem bam	Farmer	19	2	21				19	2	21
	Comp osite fish farmin g	Composite fish farming	28-9-20	1	Tenthal	Farmers	20	3	23	0	0	0	20	3	23
Home science	Value additio n	Dehydration of amla	18-01-20 to 20-01- 20	3	Oak Khunou	Farm women				2	5	7	2	5	7
	Value additio n	Osmotic dehydration of mango	8-07-20	1	Kakchin g	Farm Women					6	6	0	6	6
	Value additio n	Value addition of fruits	11-08-20 to 12-08- 20	2	Lourem bam	Farmer	7	12	19				7	12	19
	Value additio n	Value addition of underutilized minor fruits	4-09-20	1	Langath el	Farm Women	2	12	14				2	12	14
	Value additio n	Preparation of Roselle jam	28-11-20		Kakchin g	Farmer				2	6	8	2	6	8
	Value additio n	Bori production	19-12-20	1	Tekcha m	Farmers	8	10	18				8	10	18

Agri Ext	Capaci ty buildin g and group dynam ics	Promotion & formation of SHG	17-05-20	1	Heirok	Farmers	7	9	16				7	9	16
	-do-	Meet the expert programme	9-07-20	1	Lourem bam	Farmers	18	2	20				18	2	20
Animal Science	Pigger y	Scientific piggery farming	9-06-20 to 11-06- 20	3	Lourem bam		17		17				17	0	17
	Dairy farmin g	Scientific dairy farming	9-7-20	1	Khongjo m sapam leikai	RY	13	2	15	0	0	0	13	2	15
Farm Manager	Soil Health mgmt	Soil Health management for sustainable griculture	14-01-20 to 16-01- 20	3	Khanga bok Mayai Leikai	Farmer	16	5	21				16	5	21
	Soil Health mgmt	Importance of Soil testing and procedure for soil sample collection	18/01/20 to 20/01/20	3	Kakchin g Khunou	Farmer				17		17	17	0	17

Total				206	75	38	38	22	60	344	07	44
				306	/5	1	30	22	60	344	97	1
												ı

(D) Vocational training programmes for Rural Youth

Crop / Enterpris	Date (From –	Duratio n (days	Area of training	Training title*			N	o. of	Parti	cipar	nts			-		ing in tern		Whether Sponsored
e	To)	ii (uays	training	une	G	iener	al	,	SC/S	Γ		Total		Sell-ell	пріоупіє	arter u	allilly	by external funding agencies (Please Specify with amount of fund in Rs.)
					M	F	Т	M	F	Т	M	F	Т	Type of enter prise ventu red into	Num ber of units	Numbe r of person s emplo yed	Avg. Annu al inco me in Rs. gener ated throu gh the enter prise	
Production of dehydrate d fruits candy/bori /pickles	12-08-20 to 17-08- 20	7	Value addition	Productio n of dehydrat ed fruits candy/bo ri/pickles	4	7	11	0	4	4	4	11	15		6	6	Rs.4, 60,28 0	-
Production of value added black rice	21-11-20 to	7	Value addition	Productio n of value added	2	8	10	0	5	5	2	13	15		4	4	Rs.2, 40,00 0	-

products	26-11-20		black rice							
			products							

^{*}training title should specify the major technology /skill transferred

Annexure 3: Only Sponsored Training Programmes (On, Off and Vocational)

									N	o. of	Parti	cipar	ts			Spo	Amou
On/ Off/ Vocational	Beneficiary group (F/ FW/ RY/ EP)	Date (From- To)	Duration (days)	Disciplin e	Area of training	Title	G	ener	al	;	SC/S	Г		Tota	I	nso ring Age ncy	nt of fund receiv ed (Rs.)
							M	F	Т	М	F	Т	М	F	Т		
On	RY		7	Agronom y	Seed productio n	Seed production	15	-	15				15	-	15	MA NAG E	Rs.42 000
On	RY		7	PP	Bee Keeping	Bee Keeping	14	1	15	-	-	-	14	1	15	MA NAG E	Rs.42 000
On	RY	29-1-20 to 29-2- 20	30	Animal Science	Broiler farm worker	Broiler farm worker	21	2	23	2	-	2	23	2	25	ASCI	Rs.2,2 0,000
	RY		7		Cattle Rearing	Rearing of improved breed and rearing of cattle and management	12	3	15							MA NAG E	Rs,42 000

	Farmer		1		Scientific Dairy Farming	26	0	26	28	5	33	54	5	59	Yum bi Dair y	
	Farmer		1		On Fodder & Livestock Based Interventi on for Livelihoo d Improvem ent of NEH farmers	23		23	3		3	26	0	26	DEE, CAU Imp hal	
On	RY		1	Fisheries	Ornament al Fish farming	15	-	15	-	-	-	15	-	15	MA NA GE	42,00 0
On	Farmer	10-2-20 to 12-2- 20	3		Enhancing Agricultur al Marketing through Value Addition of Horticultu ral crops	6	13	19	3	7	10	9	20	29	MS FA C	-

On	RY	9-12-20	1	Rural livelihood	30	-	30	-	-	-	30	-	30	ICI CI foun dati on	
Total					16 2	19	18 1	36	12	64	19 8	31	22 9		

3.4. Extension Activities (including activities of FLD programmes) (Please mention specific Extension Activity conducted by the KVK such as Field Day, KisanMela, Exhibition, Diagnostic Visit, etc) during 2020

Sl. No.		Торіс	Date and duration						Pa	rticipa	ants					
	Extension Activity		durador	No. of activities		Genera (1)	1		SC/ST (2)		Of	tensi ficia (3)		Gr	rand To	otal
					M	F	T	M	F	T	M	F	Т	M	F	Т
1.	Advisory services	Livestock, Weather, Agriculture, Awareness etc	Throughout year	1560	876	597	1473	58	29	87	-	-	-	934	626	1560
2.	Diagnostic visit			42	84	50	134	25	7	32	-	-	-	109	57	166
3.	Field day		07/03/2020	1	18	5	23	7	-	7	-	-	-	25	5	30
4.	Group Discussion			17	190	64	254	3	10	13	-	-	-	193	74	267
5.	Kishan Gosthi			1	46	13	59	16	ı	16	-	-	-	62	13	75

	Kishan Mela	5/12/2020	2	58	18	76	12	12	24	-	-	-	70	30	100
		3/26/2021													
6.	Film show	29/9/2020	1	21	9	30	3	-	3	-	-	-	24	9	33
7.	SHG formation		7	32	81	113	11	22	33	-	-	-	43	103	146
8.	Exhibition	15/12/2020	1	29	29	58	9	6	15	-	-	-	38	35	73
9.	Scientists visit to farmers fields		96	309	100	409	27	20	47	-	-	-	336	120	456
10.	Plant/ Animal Health camp	26-28 June,2020	3	121	51	172	21	10	31	-	-	-	142	61	203
11.	Farm science club	7/7/2020, 8/7/2020	2	27	10	37	3	2	5	-	-	-	30	12	42
12.	Ex-trainee Sammelan														
13.	Farmers seminar/ workshop	15/12/2020 27/08/2020	2	56	16	72	8	-	8	-	-	П	64	16	80
14.	Method demonstration	Preparation of Bamboo Vinegar and IMO Production of Mango candy Value addition of tamarind Briquette making Preparation of Paneer Preparation of Candle	16	90	53	143	35	19	54	-	-	-	125	72	197

		Preparation of Roselle Jam														
		Bag feeding														
		Soil sample collection														
		Preparation of amla candy														
		Preparation of Assam mix														
15.	Celebration of	Celebration of World Food Day,2020		5	106	35	141	28	-	28	-	-	-	134	35	169
	important days	International Womens Day														
		World Environment Day														
		Kisan Diwas														
		World Soil Day														
16.	Exposure visits	KVK,Senapati	26/02/20	1	25	5	30	4		4				29	5	34
10.	Exposure visits	KVK,Senapau	20/02/20	1	23	3	30	4	-	4	-	-	-	29	3	34
17.	Electronic															
	media (CD/DVD)															
	(CD/DVD)															
18.	Extension			1												
	literature															
19.	Newspaper			36												
	coverage															
20.	Popular articles	Local newspaper Huiyen Lanpao		134												
21	Radio talk			5												
21.	Kadio taik			5												
22.	TV talk			8												
23.	Training			1	33	14	47	7	1	8	-	-	-	40	15	55

	manual															
24.	Soil health camp	5-12-20		140	554	35	589	27	-	27	-	-	-	581	35	616
25.	Awareness camp			5	31	37	68	6	11	17	-	-	-	37	48	85
26.	Lecture delivered as resource person			18												
27.	PRA															
28.	Farmer- Scientist interaction			2	20	10	30	16	10	26	-	-	-	30	26	56
29.	Soil test campaign			4	36	19	55	9	1	10	-	-	-	45	20	65
30.	Mahila Mandal Convener meet	15-10-2020		2	-	46	46	-	-	-	-	-	-	-	46	46
31.	Farmers visit to KVK			1451	1022	293	1315	94	42	136	-	-	-	1116	335	1451
32.	Leaflets/folders			6												
Gı	rand Total				3728	1561	5289	404	191	595				4132	1752	5884

3.5 Production and supply of Technological products during 2020

A. SEED MATERIALS

Major group/class	class Crop	Variety	Quantity (qt)	Value (Rs.)	I	Numbe	r of reci	ecipient/ beneficiaries			
					Gei	neral	SC	/ST	Grand Total		
					M	F	M	F			
CEREALS	Rice	Tampha phou	31.60	142200	11	5	5	-	21		
		Akut phou	1.64	7380	9	2	-	-	11		
		Sana phou	10.00	45000	8	3	-	-	11		
		Gin phou	5.70	25650	5	2	-	-	7		
		RC Mani-7	17.10	76950	5	3	-	-	8		
		RC Man-13	31.20	140400	21	4	3	-	28		
		Chakhao	2.46	11070	5	-	-	-	<mark>5</mark>		
		Pari phou	2.80	12600	5	3	-	-	8		
		RC Mani-12	3.40	15300	<mark>7</mark>	1	-	-	8		
OILSEEDS	Mustard	NRCHB-101	14.80	88800							
PULSES	Chickpea	JG-16	15.00	150000							
	Lentil	HUL-57	80.00	640000							
	Field pea	Aman	60.00	480000							
	Moong	SML-667	28.00	448000							
	Arhar	TS-3R	25.20	500000							
	Blackgram	PU-31	102	816000							
VEGETABLES											

FLOWER CROPS						
OTHERS (Specify)						
Total		430.9	3599350			

A1. SUMMARY of Production and supply of Seed Materials during 2020

Sl. No.	Major group/class	Quantity (q)	Quantity (q)	Value (Rs.) of	Numl	ber of recipient/ benefic	iaries
		produced	supplied	quantity produced	General	SC/ST	Total
1	CEREALS	331	314	10,99,000	1600	400	2000
2	OILSEEDS	30.3	5.6	56,000	37	-	37
3	PULSES	326	50	6,00,000	200	50	250
4	VEGETABLES	-	-	-	-	-	-
5	FLOWER CROPS	-	-	-	-	-	
6	OTHERS	-	-	-	-	-	-
	TOTAL	687.3	369.6	17,55,000	1837	450	2287

B. Production and supply of planting Materials (Nos. in No.) during 2020

Major group/class	Crop	Variety	Quantity (In	Quantity (In	Value (Rs.) of	Number of	recipient/ bene	ficiaries
			No.)	No.)	quantity			
				,	•	General	SC/ST	Grand Total

			produced	suppliedced	produced	M	F	M	F	
Fruits	Papaya	African Red papaya	200		4000	15	5	-	-	20
Spices	Onion	Prema	20000		5000	75	25	-	-	100
	Chili	Arka Meghana	20000		5000	80	20	-	-	100
Ornamental Plants										
VEGETABLES	Cabbage	Green hero	18000		18000	4	8	-	-	12
	Cauliflower	White flash/ Candid	17000		21250	6	6	-	-	12
	Broccoli	Green magic	4500		6750	10	15	-	-	25
	Tomato	Arka Rakshak	2500		2500	5	20	-	-	25
	Brinjal	Local- Serpentine type	2500		2500	25	35	-	-	60
	Pumpkin	Big gold	200		2000	7	3	-	-	10
	Bottle guard	BSS-333 pratik	200		2000	8	2	-	-	10
Forest Spp.										
Plantation crops	Tree beans	Local	500		5000	43	7	-	-	50
Medicinal plants										
OTHERS (Pl. Specify)	i)Chia		0.5							
	ii)Quinoa		1							
Total			85601.5		74000					

C. Production of Bio-Products during 2020

Major group/class	Product Name	Species	produc	ed Quantity	Value (Rs.)	Number of Recipient /beneficiaries				iaries
			No	(qt)						
						General		SC/ST		Grand
										Total
						M	F	M	F	
BIOAGENTS										
BIOFERTILIZERS	Vermicompost	E-fotidae	12000	4000	92000	47	3	-	-	55
BIO PESTICIDES										

D. Production of livestock during 2020

Sl. No.	Type/ category of livestock	Type/ category of livestock Breed Quantity Value		Value	Number of Recipient beneficiaries					
		(Nos) Kgs (Rs.)								
						General		SC/ST		Total
						M	F	M	F	
1	Cattle/ Dairy		2		10000					
2	Goat		5		5000					
3	Piggery		9		27000					
4	Poultry									
5	Fisheries		5000		35000					
6	Others (Specify) Duckery		95		9400					
	Total		5111		86400					

3.6. Literature Developed/Published (with full title, author & reference) during 2020

(A) KVK News Letter ((Date of start, Periodicity, number of copies distributed etc.):_Jan 2019-March 2021, 250 copies

(B) Articles/ Literature developed/published

			Number of	copies	
Item	Title /and Name of Journal	Authors name	Produced/ published	Supplied/ distributed	
Research papers					
1.	Farmers perception towards Chemical Castration in piglet	Dr.S.Zeshmarani, Sr.Scientist & Head			
2.	Influence of farmers' club programme in Manipur: an empirical study on degree of farmer's satisfaction	Salam Prabin Singh, PA(Agri Extention)			
3.	Prospect of Fish based integrated aquaculture system in Thoubal district, Manipur	SribidyaWaikhom SMS(Fisheries)			
Training manuals	Broiler Farming	Dr. S. Zeshmarani, Sr.Scientist& Head	50		
Technical Report					
1.					
Book/ Book Chapter					
Popular articles	LivestockPlant Protection	 Dr.S.Zeshmarani, Sr.Scientist & Head Dr.M.ThoiThoi Singh, 	Every Monday on local newspaper HueiyenLanpao		
	Plant breeding & genetics	SMS(PP) • S.SumangalSingh, SMS(PBG)	http://hueiyenpao.com		
	 Agronomy 	 N.Tomba Singh, 			

		SMS(Agronomy	
Technical bulletins	Nutri gardening	R.K.Lembisana Devi SMS(Home Science)	70
Extension bulletins			
Newsletter	1		200
Conference/ workshop proceedings			
Leaflets/folders	i)Nutritional Gardening	RK Lembisana Devi, SMS (Home Sc.)	300
	ii) Nutri Thali	RK Lembisana Devi, SMS (Home Sc.)	
	iii)Ornamental fish breeding & rearing	• SribidyaWaikhom SMS (Fisheries)	
	iv)Crop diversification in rain fed upland rice areas	N.Tomba Singh, SMS(Agro)	
	v)Scientific Broiler Rearing	 Dr.S.Zeshmarani, Sr.Scientist & Head SribidyaWaikhom 	
	vi) Fish feed & feeding practices	SMS(Fisheries)	
e-publications			
Any other (Pl. specify)			
TOTAL			

N.B. Please enclose a copy of each. In case of literature prepared in local language, please indicate the title in English

(C) Details of Electronic Media Produced

S. No.	Type of media (CD / VCD / DVD / Audio-Cassette)	Title of the programme	Number produced

- 1.7 Success stories/Case studies, if any (two or three pages write-up on each case with suitable action photographs): Attached as annexure
- 3.8 Give details of innovative methodology/technology developed and used for Transfer of Technology during the year
- 3.9 Give details of indigenous technology practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

S. No.	Crop / Enterprise	ITK Practiced	Purpose of ITK

- 3.10 Indicate the specific training need analysis tools/methodology followed for
 - Identification of courses for farmers/farm women
 - Rural Youth
 - Extension personnel
- 3.11 Field activities
 - i. Number of villages adopted: 2
 - ii. No. of farm families selected: 140
 - iii. No. of survey/PRA conducted: 140
- 3.12. Activities of Soil and Water Testing

Status of establishment of Lab : not upto the mark

Year of establishment :2016
 List of equipments purchased with amount :nil

SI. No		Name of the Equipment					
31. 140	S&WT lab Mini lab/ Mridaparikshak Manufacturer						
1							

3.Details of samples analyzed (2020) :

Details	No. of Samples analysed	No. of Farmers	No. of Villages	Amount (In Rupees) realized
Soil Samples	140	616	5	Nil
Water Samples	150	138	8	Nil
Plant Samples	-	-	-	-
Petiole Samples	-	-	-	-
Total	335	754	13	Nil

4.Details of Soil Health Cards (SHCs) -

a. No. of SHCs prepared: 1000

b. No. of farmers to whom SHCs were distributed: 754c. Name of the Major and Minor nutrients analysed: NPK

d. No. of villages covered: 13

3.13. Details of SMS/ Voice Calls sent on various priority areas

Message	Crop		Livestock		Weather		Marketing	B	Awarenes	S	Other Ent.		Total	
type	No. of	No. of	No. of	No.	No. of	No.	No. of	No. of	No. of	No.	No. of	No.	No. of	No. of
	Message	Ben	Message	of	Message	of	Message	Benefi	Message	of	Message	of	Message	Benefi

		eficiary		Benef		Benef		ciary		Benef		Benef		ciary
				iciary		iciary				iciary		iciary		
Text only	9	1552	8	2770	4	3889	1	10	23	3854	2	645	47	12729
Voice only	1300	1278	632	632	30	30	50	50	50	50	300	300	2462	2462
Voice and Text both	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1309	2828	640	3402	34	3019	51	60	73	3904	302	954	2509	15191

3.14 Contingency planning for

a. Crop based Contingency planning

Contingency (Drought/ Flood/ Cyclone/ Any	Proposed Measure	Proposed Area (In ha.) to be covered	Number of beneficiaries proposed to be covered					
other please specify)			General	SC/ST	Total			
Flood/ draught	Introduction of new variety or crop	500	1400	200	1600			
Draught	Introduction of Resource Conservation Technologies	100	200	70	270			

Flood/ draught	Distribution of seeds	400	1200	300	1500
	and planting materials				

b. Livestock based Contingency planning

Contingency (Drought/ Flood/ Cyclone/ Any other please specify)	Number of birds/ animals to	No. of programmes to be	No. of camps to be organized	Proposed number of animals/ birds to be covered through camps	-				
cancer produce appearity,	be distributed	undertaken	O.Ba	camps	General	SC/ST	Total		
Flood		10	2	700	650	50	700		

4. IMPACT

4.1 Impact of KVK activities (Not to be restricted for reporting period only)

Name of specific technology/skill transferred	No. of participants	% of adoption	Change in income (Rs.)			
	par no par no		Before (Rs./Unit)	After (Rs./Unit)		
Bokashi piggery	40	87%	12,000	21,000		

NB: Should be based on actual study, questionnaire/group discussion etc. with ex-participants.

- 4.2 Cases of large scale adoption
- 4.3 Details of impact analysis of KVK activities carried out during the reporting period

5.0. LINKAGES ESTABLISHED

5.1 Functional linkage with different organizations established during 2020

Name of organization	Nature of linkage
ATMA, Thoubal	Organizing Training for extension personnel, Demonstration, field visit & Annual Mela.
NFDB, Hyderabad	Financial assistance for training and field visit, supplied fingerlings of Jayanti Rohu and Amur Carp through farmers
Horticulture and soil conservation	Training
Vety& AH	Organizing Training and Demonstration
Dept. of Agriculture, Manipur	Attended SAC, Training & Demonstration
Dept. of Horticulture, Manipur	Attended SAC, Training & Demonstration
Dept. of Vetinary& Animal Science, Manipur	Attended SAC, Training & Demonstration
Dept. of Sericulture, Manipur	Attended SAC, Training
Dept. of Fishery, Manipur	Attended SAC, Training
NGOs	Training
Farmers' Club	organizing Training & Demonstration
Bank	SAC, Credit support
MSFAC	Training and marketing support

DEE,CAU Imphal	training
NABARD	SAC, sponsored fund for providing low cost tools and implement to the farmers club. Formation of JLG for piggery production especially to the women farmers.
MANAGE	Skill training, upgradation of knowledge of KVK scientist
ICICI Foundation	Training

NB The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, participation in meeting, contribution received for infrastructural development, conducting training programmes and demonstration or any other

5.2 List special programmes undertaken by the KVK, which have been financed by State Govt./Other Agencies during 2020

Name of the scheme/ special programme	Activity	Date/ Month of initiation	Funding agency	Amount (Rs.)
MeraGaonMera Gaurauv	Visit, Demonstration, Group meeting	Every month	ATARI-VII	
Rabi Campaign	Input	1 day) 18/11/2020	ATARI-VII	
Swachhta Action Plan (SAP)	Cleaning, Awareness, Vermicomposting, Demonstration	Every month	ATARI-VII	40500
Swachhta Pakhwada	Cleaning,Organic Waste mgmt., aw areness, S WM, Quiz, Water harvesting structure	15 days, 16-31Dec,2020	ATARI-VII	
Constitution Day	Oath taking	26/11/2020	ATARI-VII	
World Soil Health Day	Soil health card distribution, training, interaction	5/12/2020	ATARI-VII	

Kisan Diwas	Awareness programme	23/12/2020	ATARI-VII	
Skill Development Programme under ASCI	Training, practical, Demo & Field visit	(30 days)12/03/21 to 12/04/2021	ASCI	220000
CFLD on Oilseed	Demonstration, Field Day	Rabi season	ATARI-VII	279179
NARI	Establishment of nutria garden, Vermicomposting, Mushroom production unit		ATARI-VII	50000
KSHAMTA	Training, Demonstr ation, Compilation of traditional knowledge		ATARI-VII	50000
SCSP	-		ATARI-VII	300000
DAMU			ATARI-VII	120000
Demonstration of growth performance of improved fish varieties-Jayanti Rohu/Amur carp.	Adoption and support of new Technology in fish culture		NFDB	212500
Livelihood Support to farmers through Establishment of Village level Scientific Pig bank at Kakching District, Manipur" under Bokashi system of Pig rearing			NABARD, Imphal	300000
Establishment of seed production centers for air breathing fishes Clarias magur (Ngakra) and Anabas testudineus (Ukabi) at Thoubal and Kakching district, Manipur			NABARD, Imphal	151200
STRY SAMETI	Training, Exposure visit		SAMETI ,Manipur	126000

Bokashi for Sustainable piggery farming.	Training, Demonstr	ICAR,VPKAS A	llmorah 600000
Capacity building for adoption of technology	Exposure visit	NABARD, Imph	al 24440
Capacity building for adoption of technology	Exposure visit	NABARD, Imph	20950
Total			2085679

5.3 Details of linkage with ATMA

a) Is ATMA implemented in your district: Yes

SI. No.	Programme	Nature of linkage	Remarks		
1.	Training	Conducting training and demonstration	Training programme		

- 5.4 Give details of programmes implemented under National Horticultural Mission nil
- 5.5 Nature of linkage with National Fisheries Development Board: Nil
- 6. PERFORMANCE OF INFRASTRUCTURE IN KVK DURING 2020
- 6.1 Performance of demonstration units (other than instructional farm)

SI. No.	Demo Unit	Year of estd.	Area	Details of production	Amount (Rs.)	Remarks

	(Name and No.)			Variety/ species/ breed	Type of Produce	Qty.	Cost of inputs	Gross income
1	Bokashi piggery	2018-2019	0.01 ha	Cross bred pig	Meat purpose	2	12,000	18,000
2	Dairy	2017-2018	0.01 ha	Non descript breed	Meat purpose	4	10,000	25,000 (from one cattle)
3	Fishery	2010-2011	1.5 ha	Catla, Rohu, Mrigal, Commom carp, Pengba, Ngaton, Tilapia, Grass carp	Meat purpose	5000	46,000	25% recovered remaining yet to recovered.

6.2 Performance of instructional farm (Crops) including seed production

Name of the crop	Date of	Date of	(ha)	Details	of production		Amou	nt (Rs.)		
	sowing	harvest	harvest	ng harvest	Area ()	Variety	Type of Produce	Qty.	Cost of inputs	Gross income
Cereals	I	1		1			<u> </u>	1	1	
Rice	10.7.19	20.11.19	3.35	Akutphou	Truth full	86.7	262536	304000	Yield of crop	
	to	to 2.12.19		Cinnhou	level seed				was low due	
	24.7.19			Ginphou					to late on set	
				CAU -R1					of monsoon	
				RC Maniphou7					and long dry	
				F					spell during	

				RC Maniphou12					the crop.
				RC Maniphou13					
				Pari phou					
				WR 15-6-1					
Wheat	-	-	-	-	-	-	-	-	-
Maize	-	-	-	-	-	-	-	-	-
Any other	-	-	-	-	-	-	-	-	-
Pulses									
Green gram	-	-	-	-	-	-	-	-	-
Black gram	-	-	-	-	-	-	-	-	-
Arhar	-	-	-	-	-	-	-	-	-
Lentil	25.11.19	14.3.20	0.05	HUL-57	Truth	0.35	1700	2800	Zero tillage
					(TL)				trial
Ay other	-	-	-	-	-	-	-	-	-
Oilseeds									
Mustard	30.11.19	20.3.20	0.2	NRCHB101	Truth (TL)	1.6	5000	9600	Zero tillage trial
Soy bean	-	-	-	-	-	-	-	-	-
Groundnut	-	-	-	-	-	-	-	-	-
Any other	-	-	-	-	-	-	-	-	-
Fibers									

i.	-	-	-	-	-	-	-	-	-
ii.	-	-	-	-	-	-	-	-	-
Spices & Plantation crop	s								
i.	-	-	-	-	-	-	-	-	-
ii.	-	-	-	-	-	-	-	-	-
Floriculture	1	I		l			1	I	l
i.	-	-	-	-	-	-	-	-	-
ii.	-	-	-	-	-	-	-	-	-
Fruits									
i.	-	-	-	-	-	-	-	-	-
ii.	-	-	-	-	-	-	-	-	-
Vegetables									
i.	-	-	-	-	-	-	-	-	-
ii.	-	-	-	-	-	-	-	-	-
a. Others (specify)									
i.	-	-	-	-	-	-	-	-	-
ii.	-	-	-	-	-	-	-	-	-
		•							

6.3 Performance of production Units (bio-agents / bio pesticides/ bio fertilizers etc.) during 2020

Sl.	Name of the Product	Qty	Amou	Remarks	
No.			Cost of inputs	Gross income	
1	Vermicompost	700 kgs.	9440	10500	

6.4 Performance of instructional farm (livestock and fisheries production) during 2020

Sl.	Name	Details of production			Amou	unt (Rs.)	
No	of the animal / bird / aquatics	Breed/ species	Type of Produce	Qty.	Cost of inputs(Rs.)	Gross income(Rs.)	Remarks
1	Pig	Crossbred	Piglet	5	20000	27000	1 adult pig sold @ Rs.22,000/- &1 piglet @Rs.5000/-
2 3	Goat Cattle	Non-descript local Non-descript local	Kid/Meat Milk	5	3000 16200	12000 10500	4 kids were sold @ Rs.3000/Kid. 2 lits. Milk/day @ Rs.70 for 5 month.
5	Poultry Geese Fisheries	Kamrupa Local Common carp	Egg/Meat Meat fingerling	100 25 5000	10000 6000 10000	18000 12000 12800	20 nos. of geese @ Rs. 500/Chick & 2nos of adult geese @ Rs.1000.

6.5 Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Unit/ structure

Date	Title of the training course	No. of Courses	No. of Participants including SC/ST

		Client (PF/RY/EF)		Male	Female	Total
-	-	-	-	-	-	-

6.6. Utilization of hostel facilities (Month-Wise) during

Accommodation available (No. of beds): nil

Note: (Duration of the training course X No. of trainees) =Trainee days

7. FINANCIAL PERFORMANCE

7.1 Details of KVK Bank accounts

Bank account	Name of the bank	Location/ Branch	Account Number
With Host Institute	State Bank of India	Thoubal	11946667259
Revolving Fund	State Bank of India	Thoubal	37606402881

7.2 Utilization of funds under CFLD on Oilseeds and Pulses (Rs. In Lakhs) if applicable during 2020

Item	Released by ICAR/ATARI (in lakh)		Expenditure (in lakh)		Unspent balance as on 31st March, 2018
	Amount	Amount	Amount	Amount	
Inputs	0.3780 (Oilseeds Mustard)		0.3780		Nil
Extension activities	0.0720		0.0720		

TA/DA/POL etc.			
TOTAL	0.45	0.45	

7.3 Utilization of KVK funds during the year 2020

S. No.	Particulars	Sanctioned (in Lakh)	Released (in Lakh)	Expenditure (in Lakh)
A. Re	curring Contingencies			
1	Pay & Allowances	185.00	185.00	184.96762
2	Traveling allowances	2.50	2.50	2.49902
3	HRD	0.75	0.75	0.75
4	Contingencies	14.50	14.50	14.46319
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)			
В	POL, repair of vehicles, tractor and equipments			
С	Meals/refreshment for trainees			
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)			
Е	Frontline demonstration except oilseeds and pulses			

F	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)			
G	Training of extension functionaries			
Н	Maintenance of buildings			
I	Establishment of Soil, Plant & Water Testing Laboratory			
J	Library			
	TOTAL (A)	202.75	202.75	202.67983
B. No	on-Recurring Contingencies			
1	Works			
2	Equipments including SWTL & Furniture	0.30	0.30	0.30
3	Vehicle (Four wheeler, please specify)			
4	Library (Purchase of assets like books & journals)			
	TOTAL (B)	0.30	0.30	0.30
C. RI	EVOLVING FUND			
D. NA	ARI	0.50	0.50	0.50
	GRAND TOTAL (A+B+C+D)	203.55	203.55	203.47983

7.4 Status of Revolving Fund (Rs. in lakhs) for last three years

Year	Opening balance as on 1 st April	Income during the year	Expenditure during the year	Net balance with KVK (in lakh)

April 2017 to March 2018	4.083135	1.23454	2.45260	5.31768
April 2018 to March 2019	5.31768	5.92701	5.02185	6.22284
April 2019 to March 2020	6.22284	1.24855	6.88916	7.47139

Note: No KVK must leave this table blank

8.0 Please include information which has not been reflected above.

(Write in detail)

- 8.1 Constraints and Suggestion (Provide point-wise if any, for recommendation)
 - (a) Administrative: Lack of infrastructure namely farmers hostel, full fledged soil testing lab,office vehicle condemn needed a new vehicle
 - (b) Financial:
 - (c) Technical: Source of technology not older than 5 years for crops and livestocks to conduct trial is very less.

ACTION PHOTOS



Performance evaluation on Rice based cropping system (Rice-Lentil/ Rice-Chickpea) (1st Year)



Seed priming of lentil(1st Year)



Management of frost bite and viral diseases of potato (1st year)



Performance evaluation of Metarhizium anisoplea (a Bio pesticide) in management of aphid in cabbage (1st Year)



Production of Chow Chow Bori during peak and lean production period (2nd Year)



Osmotic Dehydration of Amla



Performance assessment on Incorporation of Silver barb (Puntius gonionotus) in feed based seasonal carp polyculture pond system (1st



Introduction to Low cost backyard ornamental fish farming for income generation of rural youths using polyline thermocol box (1st Year)

Extension Programmes/ Activities













Training Programmes

















Awards and	recognitions du	ring 2020 (For KVK)
		STATE OF THE PARTY

SI. No.	Name of Award/ recognition/fellowship	Professional Society/ Govt. Dept./ Any Agency		Significant Contribution/ achievement
1	First position in IC Pulse 2020,Bhopal in Poster Presentation	Indian Society of Pulses Research and Development & ICAR- Indian Institute of Pulses Research		Impact Study on Seed Hub -Crop- Lentil
2	2nd position in poster competition,	CAU, imphal , international Womens day	+	Nutritious foods & Nutri Thallis of the region.
3	Outstanding Award for Distinguishing Service to Farmer for the year 2020	State Agricultural Fair- org. by SAMETI, Manipur (MAI-OWN Exhibition)		Recognition of O v e r a l l Performance of KVK Thoubal



First position in IC Pulse 2020, Bhopal in 2nd position in poster compete-tion, Poster Presentation



Theme-Nutritious foods & Nutri Thallis Distinguishing Service to Farmer of the region.



Outstanding Award for for the year 2020

Awards and recognitions during 2020 (For farmer)

SI. No.	Name of Award/ recognition/fellowship	Professional Society/ Govt. Dept./ Any Agency	The second secon	Significant Contribution/ achievement
1	M.Ibechaobi Devi, Best district level farmer award	Stae Agricultural Fair- org by SAMETI, Manipur	20000	IFS Value addition of black rice







Integrated Crop Management in rice (1st Year)



Popularization of Assam Mix



Popularization of Modified SRI 2nd Year



Impact study on CFLD of oilseed Mustard Var. NRCHB-101 Under Zero Tillage Condition 1st Year



Popularization of Modified SRI 2nd Year



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Popularization of Voliam flexi in management of stem borers and plant hoppers in Rice 1st Year



Popularisation of Emamectin benzoate and yellow sticky traps in Fruit borer and Aphid management 1st Year



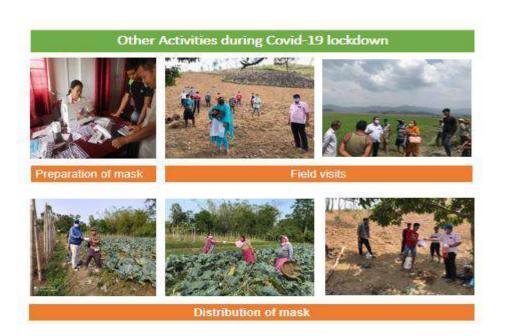
Seed production technology of rice var. RC Maniphou-13



Participatory seed production of Black gram Var. PU-31 2nd Year



Popularization of Fish based integrated farming system (1st Year)



Mera Gaon Mera Gaшrav				
Duration	No. of village covered	No. of visit Made	No. of demonstration	No. of beneficiary
May, 2020 – Dec, 20 <mark>2</mark> 0	18	25	24	760
Khangabok		Wabagai		khongsang
	4			
Lourembam				Tentha















SWACCHTA ACTIVITIES				
SI. No.	Duration	Activity	No. of beneficiary	
1.	April – June,2020	Cleaning of streets and around office campus, Swacchta Awareness, Training	3	
2.	July – September, 2020	cleaning around campus, demonstration on agriculture waste management	14	
3.	October- December, 2020	Celebration of Kisan Diwas, ,planting of tress, compost making	34	