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KRISHI VIGYAN KENDRA ANJAW ICAR RC FOR NEH REGION, A.P CENTRE BASAR

PROFORMA FOR ANNUAL REPORT OF KVK, 2018-19

1. GENERAL INFORMATION ABOUT THE KVK

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

Address	Telephone		E mail
KVK Anjaw, Hayuliang	Office	FAX	kvkanjaw.icar@gmail.com
Arunachal Pradesh		0380276489	

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

Address:	Te	lephone	E mail
ICAR AP Centre, Basar Arunachal Pradesh	Office	FAX	jdapcentre.icar@gmail.com
	03795226237	03795226296	

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

Name	Telephone / Contact					
Dr. Manish Kanwat	Residence Mobile Email					
	Khupa	9378123049	kanwatmanish@gmail.com			

1.4. Year of sanction: 2015

1.5. Staff Position (As on 31st March, 2019)

Sl. No.	Sanctioned post	Name of the incumbent	Designati on	Disciplin e	Pay Scal e (Rs.)	Presen t basic (Rs.)	Date of joinin g	Permanent /Temporar y	Categor y (SC/ST/ OBC/ Others)
1	Sr. Scientist & Head	Dr. Manish Kanwat	Sr. Scientist & Head	Agril. Ext	3740 0- 6700 0+90 00	38800	19/10/ 2015	Permanent	ST
2	Subject Matter Specialist (study leave)	Mr. Soibam Peter Singh	Subject Matter Specialist	Agril. Econ	1560 0- 3910 0	21630	12/01/ 2015	Permanent	Gen
3	Subject Matter Specialist	Mr. Khoisnam Naveen	Subject Matter Specialist	Agronom y	1560 0- 3910 0	21630	20/01/ 2015	Permanent	Gen
4	Subject Matter Specialist	Miss Rebecca Eko	Subject Matter Specialist	Horticultu re	1560 0- 3910 0	21630	23/02/ 2015	Permanent	ST
5	Subject Matter Specialist	Dr. Tilling Tayo	Subject Matter Specialist	Animal Sciences	1560 0- 3910 0	21630	03/03/ 2015	Permanent	ST
6	Subject Matter Specialist	Vacant	-	-	-	-	-	-	-
7	Subject Matter Specialist	Vacant	-	-	-	-	-	-	-
8	Programme Assistant	Vacant	-	-	-	-	-	-	-

9	Computer	Mr. Keshab	Computer	MCA	9300	9579	31/01/	Permanent	General
	Programmer	Chandra Gogoi	Programm		-		2015		
			er		3480				
					0				
10	Farm Manager	Vacant	-	-	-	-	-	=	-
11	Accountant / Superintendent	Vacant	-	-	-	-	-	-	-
12	Stenographer	Vacant	-	=	-	-	-	-	-
13	Driver	Ngazipmi	Driver	-	-	27600	24/05/	Permanent	ST
		Risom	cum				2018		
			mechanic						
14	Driver	Vacant	-	-	-	-	-	-	-
15	Supporting staff	Vacant	-	-	-	-	-	-	-
16	Supporting staff	Vacant							
10	Supporting staff	vacant	-	-	_	_	-	-	-
	Total	07	-	-	-	-	-	-	-

Note: No column in the table must be left blank

1.6. a. Total land with KVK (in ha) : 20

b. Total cultivable land with KVK (in ha): 5

c. Total cultivated land (in ha): 4

S. No.	Item	Area (ha)
1	Under Buildings (Administrative building+ Farmers' Hostel+ Staff Quarters)	NIL
2.	Under Demonstration Units	1
3.	Under Crops (Cereals, pulses, oilseeds etc.)	1
4.	Under vegetables	0.5
5.	Orchard/Agro-forestry	1
6.	Others (specify)	0.5

1.7. Infrastructural Development:

A) Buildings

					Stag	e		
S.		Source		Complete			Incompl	ete
No.	Name of building	of funding	Completion Date	Plinth area (Sq.m.)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	NIL	NIL	NIL	NIL	NIL	NIL
2.	Farmers Hostel		NIL	NIL	NIL	NIL	NIL	NIL
3.	Staff Quarters (6)		NIL	NIL	NIL	NIL	NIL	NIL
4.	Demonstration Units(2)		NIL	NIL	NIL	NIL	NIL	NIL

5	Fencing	NIL	NIL	NIL	NIL	NIL	NIL
3	Telicing						

B) Vehicles

Type of vehicle	Regd. No.	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Bolero	ML-10B4102	2016	848126	60000	Running

C) Equipment's & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Xerox machine	2015	157000	Not working
Printer	2015-16	11800	Working
UPS	2015-16	24000	Working
Projector	2015-16	100000	Working
Computer	2015-16	498000	Working
Invertor	2016	35000	Working
Almirah	2017	56000	Working
Furniture	2017	325090	Working
Bookshelf	2017	30000	Working
Power tiller	2017	368000	Working
GPS	2016	12000	Working

1.8. A). Details SAC meeting* conducted in the year 2018-19

Sl.No.	Date	Name and Designation of Participants	Salient Recommendations	
1.	22/03/2017	Dr. Narendra Prakash, Chief Guest, Director, ICAR for NEH Region Barapani		
		2. Dr. G. Mani, Guest of Honour, GM NABARD Itanager.		
		3. Dr. H. Kalita, Joint Director, ICAR AP Centre, Basar, Arunachal Pradesh		
		4. Dr. K.K. Baruah, PS& Head, Animal Production Division, ICAR for NEH Region Barapani		
		5. Dr. M. Niranjan, PS, Animal Production Division, ICAR for NEH Region Barapani		
		6. Dr. S. Doley, PS, Animal Production Division ,ICAR for NEH Region Barapani		
		7. Shri. Kamay Rai, DDM NABARD, Itanagar		
		8. Mr. Khoisnam Naveen, SMS Agronomy, KVK Anjaw		
		9. Dr. Senpon Ngomle, SMS Protection, KVK Longding		

10. Ms. Rebecca Eko, SMS Horticulture, KVK Anjaw
11. Dr. Tilling Tayo, SMS Animal Science, KVK Anjaw
12. Mr. Keshab Chandra Gogoi, Computer Programmer, KVK Anjaw

Proceedings of Scientific Advisory Committee Meeting KVK, Namsai, Anjaw & Longding held at KVK Namsai on 16th March 2019

The Joint SAC meeting of KVK Namsai, Anjaw & Longding Districts of Arunachal Pradesh has been organized on 16.03.2018 at Conference Hall, KVK Namsai, Arunachal Pradesh. The total of 19 SAC members including Director, ICAR RC for NEH Region, Meghalaya and Guest of Honour Dr Gyanendra Mani, General Manager, NABARD, Itanagar including Dr. H.Kalita, Joint Director, IAR RC for NEH Reigon, AP Centre, Basar, Dr K.K. Baruah Principal Scientist & Head, Division of Animal Science, ICAR Barapani, Dr M. Niranjan Principal Scientist, Dr S. Doley, Principal Scientist Division of Animal Science, Shri. Kamal Roy and Staff of all three KVKs and farmers representatives from different villages attended the meeting. The list of participants in the SAC meeting is illustrated in Annexure-I. The meeting was for one day during the technical session Dr. Manish Kanwat, Senior Scientist and Head presented the Annual Action Plan for the period of 2019-20. In the second session the total working activity was discussed and the house recommended the valuable suggestions for the betterment of the future activities of KVK Namsai, Anajw, & Longding.

Inaugural Session

The inaugural session started with felicitation of SAC meeting Chairman, Director, ICAR RC for NEH Region, Umiam, and along with Co-Chairman, Dr. Gyanendra Mani, GM NABARD, Dr. Homeswar Kalita, Joint Director, ICAR RC for NEH Region, AP Centre, Basar, Dr.K.K.Baruah, Principal Scientist & Head, Dr. M. Niranjan, Principal Scientist and Dr S. Doley, Principal Scientist including all SAC members by Dr H. Kalita, Joint Director, ICAR AP Centre, Basar. In the welcome address, Dr. H.Kalita, Joint Director, ICAR AP Centre, Basar extended his heartiest welcome to all the participants of the house.

The following dignitaries were present during the meetings

- 1. Dr. Narendra Prakash, Chief Guest, Director, ICAR for NEH Region Barapani
- 2. Dr. G. Mani, Guest of Honour, GM NABARD Itanager.
- 3. Dr. H. Kalita, Joint Director, ICAR AP Centre, Basar, Arunachal Pradesh
- 4. Dr. K.K. Baruah, PS& Head, Animal Production Division, ICAR for NEH Region Barapani
- 5. Dr. M. Niranjan, PS, Animal Production Division, ICAR for NEH Region Barapani

- 6. Dr. S. Doley, PS, Animal Production Division, ICAR for NEH Region Barapani
- 7. Shri. Kamay Rai, DDM NABARD, Itanagar

The technical Session started from **11.0**0 am onwards. Dr. Manish Kanwat, Senior Scientist and Head presented their future action plan of all the three KVKs for the year 2019-20 in front of the house. The recommendations and suggestions shared by Chairman, Co-Chairman and SAC Members to prepare the Action Plan for the year 2019-20 have been mentioned below:

Sl.no	Suggestion	Recommended by	Action to be taken by
	KVK Anjaw		
13.	Problem of severity in OFT in Duck to	Director, ICAR	SMS Ani. Sc. KVK
	change as; Low production of meat in	Barapani	Anjaw
	Anjaw		
14.	OFT on Rabbit to be replaced by Goat	Director, ICAR	SMS Ani. Sc. KVK
	(Sirohi & Jakharana Breed)	Barapani	Anjaw
15.	One OFT on fodder to be incorporated	Director, ICAR	SMS Ani. Sc. KVK
		Barapani	Anjaw
16.	FLD on Gungroo pig to be replaced by	Director, ICAR	SMS Ani. Sc. KVK
	Lumshing, Asha & Rani breed of pigs	Barapani	Anjaw
17.	OFT on organic base fertilizer to be taken	Director, ICAR	SMS Agronomy
	from Sikkim organic base fertilizer	Barapani	KVK Anjaw
	package of practices instead of using		
	inorganic fertilizer		
18.	OFT on soya bean: two-three variety	· ·	
	should be assessed instead of only one	Barapani	KVK Anjaw
	variety		
19.	FLD on zero tillage: Source of	Director, ICAR	
	technology to be corrected	Barapani	KVK Anjaw
20.	FLD on Groundnut: source to be	Director, ICAR	SMS Agronomy
	corrected and ICGS-76 is 1993 old	Barapani	KVK Anjaw
	variety, need to take new variety.		
21.	Tx10 new varieties to be incorporate and	Director, ICAR	SMS Horticulture
	citrus plant to be incorporate in study	Barapani	KVK Anjaw

- Dr. K.K. Baruah, Head, Animal Production Division, ICAR for NEH region Barapani will support all the scientist of KVKs in formulating the KVK activities and also joint programme in their respective districts with this objective to serve the farming community through convergence mode.
- Dr. S. Doley, Principal Scientist has emphasised to opt the Giriraja, Srinidhi instead of Karaknath birds into the respective locations and Dr M. Niranjan also suggested that Animal Scientist should assess at least three trials which will be fruitful for the KVK activities as well as farmers too.
- Dr. Gyanendra Mani, GM, NABARD Itanagar & Co-Chairman, elucidated the importance of KVK for development of area specific agricultural technology and dissemination of improved technologies through FLDs. He also asked the KVKs to form the FPO/FPCs for better dissemination of the activities

among the rural people. He also asked the KVK scientists to submit the thematic and need based projects to NABRAD office for support.

During the Chairman remarks he appreciated the progress made by all the KVKs in 2018-19 year but he also suggested to adopt the new technology based on actual problem and thrust areas so that KVK scientist may help to sorted out the farmer's problem through scientifically. He also instructed that each and every parameters of a trial should be based on thematic problem and farmers practices to be assessed thoroughly for any kind of trial to be conducted.

The vote of thanks given by the Dr. Manish Kanwat, Sr. Scientist & Head of ICAR KVKs Anjaw, Namsai & Longding District of Arunachal Pradesh.

2. DETAILS OF DISTRICT

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

Sl. No	Farming system/enterprises
1.	Maize
2.	Potato
3.	Pulses
4.	Vegetables

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

Sl. No	Agro-climatic Zone	Characteristics
1.	1	Sub-tropical to Temperate

2.3 Soil type/s

Sl. No	Soil type	Characteristics	Area in ha
1.	4	Sandy coarse loamy black soil	115500.00
2.		Sandy Fine loamy black soil	126000.00
3.		Black loamy soil	242500.00
4.		Black loamy fine soil	135000.00

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

Crop	Total Area	Total Production	Yield	
Rice	Rice 122740		10.98	
Maize	35637	48346	13.56	
Millet	19800	17123	8.64	
Wheat	3896	5096	13.00	
Pulses	6554	6634	10.12	
Total food crops 188627		211979	11.23	
Potato	4960	32434	65.39	
Ginger	4399	34890	79.31	
Oil seeds 27748		27228	9.81	

Turmeric 404		1473	36.45
Chilli	1499	1696	11.31
Sugarcane	809	16219	20.04
Seasonal vegetables	12811	37060	20.04
Total commercial crops	52630	151000	28.69

SL. No.	Hauticultuma anana Eurita	A	rea ('000 ha)	
	Horticulture crops – Fruits	Total	Irrigated	Rainfed
1.	Orange	334.4	-	334.4
2.	Kiwi	17.0	-	17.0
3.	Apple	14.7	-	14.7
4.	Banana	5.7	-	5.7
5.	Guava	2.7	-	2.7
6.	Pineapple	2.0	-	2.0
7.	Pear	1.4	-	1.4
8.	Walnut	0.4	-	0.4
Others (specify)				
	Horticulture crops – Vegetables /spices	Total	Irrigated	Rainfed
1	Large cardamom	2300.0	-	2300.0
2	Bitter gourd	38	-	38
3	Pumpkin	10.1	-	10.1
4	Radish	8.3	-	8.3
5	Beans	8.0	-	8.0
6	Sweet potato	7.4	-	7.4
7	Potato	7.2	-	7.2
8	Chillies	5.4	-	5.4
9	Ginger	5.4	-	5.4
10	Tomato	4.5	-	4.5
11	Musk melon	3.1	-	3.1
12	Cucumber	2.7	-	2.7
13	Brinjal	2.5	-	2.5

2.5. Weather data

Month	Minimum Temperature (°C) Maximum Temperature (°C)		Relative Humidity (%)
J	10	28	62
F	12	30	63
M	22	32	90
A	25	33	72
M	18	38.5	86
J	26.7	40.5	77
J	26.4	31.9	90
A	26.6	30.8	88
S	26.3	32.8	78

О	23.5	29.6	70
N	18.3	25.6	68
D	19	16	68

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

Category	Population	Production	Productivity
Cattle			
Crossbred	-	-	-
Indigenous	5747	Nil	Nil
Buffalo	Nil	Nil	Nil
Sheep			
Crossbred	Nil		
Indigenous	Nil		
Goats	5745	Nil	Nil
Pigs			
Crossbred			
Indigenous	15211	Nil	Nil
Rabbits	-	-	-
Poultry			
Hens	-		
Desi	35969	Nil	Nil
Improved	-		
Ducks	83	Nil	Nil
Turkey and others	-		

Category	Area	Production	Productivity
Fish	Nil	Nil	Nil
Marine	Nil	Nil	Nil
Inland	Nil	Nil	Nil
Prawn	Nil	Nil	Nil
Scampi	Nil	Nil	Nil
Shrimp	Nil	Nil	Nil

Note: Pl. provide the appropriate Unit against each enterprise

2.6 Details of Operational area / Villages (2018-19)

Sl.No.	Taluk/ Eleka	Name of the	Name of the	Major crops &	Major problem	Identified thrust	
		block	village	enterprises	identified	area	

1	ADC, Hayuliang	Hayuliang	Tafraliang	Vegetables & oranges	1. Incidence of trunk borer, citrus declination 2. Very low productivity of vegetables 3. Diarrhea and skin diseases and hernia, eye infection, tick infestation of pigs	Integrated pest and Diseases Mgt. Health Management of pigs
2	Circle Officer, Goiliang	Goiliang	Nilang	L. Cardamom & vegetables	1 Incidence of viral diseases and red ants in L. Cardamom 2 Low productivity of vegetables	Integrated pest and Diseases Mgt. Integrated Farming System
3	ADC, Hayuliang	Hayuliang	Kongra	Maize pulses & vegetables, ginger oranges	Incidence of trunk borer, citrus declination Low productivity of vegetables Diarrhea and skin diseases and hernia, eye infection, tick infestation of pigs	 Integrated pest and Diseases Mgt. Integrated Farming System Health Management of pigs
4	ADC, Hayuliang	Hayuliang	Barfu	L. Cardamom	Incidence of blight diseases viral diseases in L. Cardamom Diarrhea and skin diseases	Integrated pest and Diseases Mgt. Health Management of pigs
5	ADC, Hayuliang	Hayuliang	Supliang	Oranges, pineapple	Incidence of trunk borer in oranges Skin diseases	1. Integrated pest and Diseases Mgt. Health Management of pigs
6	ADC, Hayuliang	Hayuliang	Paya	L. Cardamom & vegetables	Incidence of viral diseases and red ants in L. Cardamom low productivity of vegetables	Integrated pest and Diseases Mgt. Integrated Farming System

7	ADC, Hayuliang	Yatong	Manchal	L. Cardamom & Oranges	 Diarrhea and skin diseases Incidence of trunk borer Citrus declination Incidence of viral diseases in L. Cardamom 	Health Mgt. Integrated pest and Diseases Mgt.
8	DC, Hawai	Hawai	Ngi	Kiwi, Oranges and L. Cardamom	 Incidence of trunk borer in oranges Viral diseases in L. Cardamom Skin diseases 	Integrated pest and Diseases Mgt. Health Mgt.
9	Circle Officer, Chaglagam	Metengliang	Metengliang	Pulses and L. Cardamom	1. Viral diseases in L. Cardamom	Integrated pest and Diseases Mgt.
10	ADC, Hayuliang	Hayuliang	Chipru	Oranges and L. Cardamom	Incidence of trunk borer Citrus declination Incidence of viral diseases in L. Cardamom	Integrated pest and Diseases Mgt.
11	Circle Officer	Walong	Walong, Namti, Gai	Paddy, Maize	Lack of oilseed crop Lack of alternate variety at farmers field	Introduction of oilseed crop Introduction of HY seeds
12	Circle office	Kibithoo	Kaho, Moshai, Dhanbari	Paddy, Maize	Lack of oilseed crop Lack of alternate variety at farmers field	Introduction of oilseed crop Introduction of HY seeds

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievements of mandatory activities by KVK during 2018-19

Discipline	OFT (Technology Asse	ssment and	Refinement)	FLD (Oilseeds, Pulses, Maize, Other Crops/Enterprises)					
	Number of OFTs		Number of Farmers		Num	ber of FLDs	Number of Farmers			
	Targets Achievement		Targets	Achievement	Targets	Achievement	Targets	Achievement		
Agronomy	02	02	18	18	85	99	85	99		
Animal Sciences	02	01	06	06	02	02	06	06		
Horticulture	03	03	05	15	07	22	07	22		
Total	07	06	29	39	94	123	98	127		

Note: Target set during last Annual Zonal Workshop

Training (inc		nsored, vocation Rainwater Har		ngs carried	Extension Activities				
Nun	nber of Co	urses	Numb	Number of Participants		Numbe	r of activities	Number of participants	
Clientele	Targets	Achievement	Targets	Achi	evement	Targets Achievement		Targets	Achievement
Farmers	05	07	100	,	207				
Rural youth	01	01	20	25		248	430	1000	1414
Extn. Functionaries	01	01	10		10				
Total	07	09	130		242				
	Seed Produ	iction (ton.)]	Planting m	aterial (Nos. in)	lakh)	
	5						6		
Target		Achievement		Target	et Achievement				
0.01	0.04			0.010	0.137				

Note: Target set during last Annual Zonal Workshop

3. B. Abstract of interventions undertaken during 2018-19

Sl. No.	Thrust area	Crop/ Enterprise	Identified problems		Interventions								
		•		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.				
2	Oilsee d	Rapeseed Toria	Lack of knowledg e and unaware about the collection and conservati on of local germplas m		Assess ment of toria TS-38	Awarenes s cum training programm e on cultivation of oilseed crop		Meeting, Group discussion	Supply of Toria TS-38				

3.1 Achievements on technologies assessed and refined during 2018-19

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

Thematic areas	Cereals	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruits	Flower	Plantation crops	Tuber Crops	TOTAL
Varietal Evaluation	01	01				02				04
Intercropping										

Seed / Plant production					01	01
Weed Management						
Integrated Crop Management						
Integrated Nutrient Management						
Integrated Farming System						
Mushroom cultivation						
Drudgery reduction						
Farm machineries						
Value addition						
Integrated Pest Management						
Integrated Disease Management						
Resource conservation technology						
Small Scale income generating enterprises						
TOTAL	01	01		02	01	05

^{*} Any new technology, which may offer solution to a location specific problem but not tested earlier in a given micro farming situation.

A.2. Abstract of the number of technologies **refined*** in respect of crops/enterprises

Thematic areas	Cerea ls	Oilseeds	Pulses	Commercial Crops	Vegetables	Fruit s	Flowe r	Plantation crops	Tuber Crops	TOTA L
Varietal Evaluation	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Seed / Plant production	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Weed	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Management										
Integrated Crop Management	Nil									
Integrated Nutrient Management	Nil									
Integrated Farming System	Nil									
Mushroom cultivation	Nil									
Drudgery reduction	Nil									
Farm machineries	Nil									
Post Harvest Technology	Nil									
Integrated Pest Management	Nil									
Integrated Disease Management	Nil									
Resource conservation technology	Nil									
Small Scale income generating enterprises	Nil									
TOTAL	Nil									

^{*} 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	Rabbitary	Fisheries	TOTAL
Evaluation of Breeds	-	-	-	-	01		-	01
Nutrition Management	-	-	-	-	-	-	-	-
Disease of Management	-	-	-	-	-	-	-	-
Value Addition	-	-	-	-	-	-	-	-
Production and Management	-	-	-	-	-	-	-	-
Feed and Fodder	-	-	-	-	-	-	-	-
Small Scale income	-	-	-	-	-	-	-	-

generating enterprises					
TOTAL			01		01

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

Thematic areas	Cattle	Poultry	Sheep	Goat	Piggery	Rabbitary	Fisheries	TOTAL
Evaluation of Breeds	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Nutrition Management	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Disease of Management	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Value Addition	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Production and Management	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Feed and Fodder	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Small Scale income generating enterprises	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
TOTAL	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

A.5. Results of On Farm Testing

Sl. No.	Title of OFT	Problem Diagnosed	Name of Technology Assessed	Crop/Cropping system/ Enterprise	No. of Trials	Results of Assessment/ Refined (Data on the parameter should be provided)	Feedback from the farmer	Feedback to the Researcher	B.C. Ratio (if applicable)
1	Varietal Evaluation of CAU R3	Lack of suitable short duration varieties	Rice variety CAU R3	Rice	10	Plant Height 94.86 cm Panicle length:23.24 Effective tillers/hill:9.4 No of grains/ panicle :126.8 Yield:27.8q/ha	The taste of the variety is good	Need to conduct further testing for putting up for FLD	1.66:1
5	Varietal Evaluation of TS-46	Lack of suitable varieties of rapeseed	Rapeseed Variety Toria TS-46	Toria	05	Plant height:71 cm branches/plant:11 Siliqua/ plant:105 Yield:5.13 q/ha	Germination is poor	Needs to introduced earlier during pre rabi	1.7:1
6	Assessment on suitability of low chilling Grafted Apple cv. Mollies Delicious.	Low yield and lack of suitable low chilling and high yielding apple variety	Grafted Apple cv. Mollies Delicious on M- 111	Apple	03	Ongoing	-	-	-
7	Assessment on suitability of Kiwi fruit var. Allison	Unawareness of kiwi cultivation	Kiwi fruit varieties Hayward, Allison and Bruno	Kiwi	02	Ongoing	-	-	-

8.	Comparative study on the germination percentage of Large cardamom seeds	Low germination of large cardamom seeds	Use of 25% Nitric acid & soaked in GA ₃ 10 ppm at different intervals	Large cardamom seeds (local)	02	Ongoing	-	-	-
9.	Breed introduction of Gungroo, pig.	1. Low body weight gain (30 – 40 kg) 2. High feed conversion ration (5:1) 3. Low letter size (4-5)	Gungroo, pig.	Piggery	02	1. Mortality (01) 2. Litter size (07) 3. Bwt. Weight of piglets (0.5 kg) 4. Wt. at sexual maturity (55 kg)		Gungroo breed of pig can be replicate for FLD in Anjaw district	2.2:1

^{*}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 2018-19

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

List of technologies demonstrated during previous year and popularized during 2018-19 and recommended for large scale adoption in the district

Sl.	_ Crop/	Technology demonstrated	Horiz	ontal spread of technol	ogy
No	Enterprise		No. of villages	No. of farmers	Area in ha
1	Maize	01/ yield enhancement RCM-76	04	05	1
2.	Soybean	01/yield enhancement CFLD Dsb-19 under NMOOP oilseed	10	38	10
3	Toria	01/yield enhancement CFLD Toria under NMOOP oilseed	13	51	20

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

4.	Oyster	01/Alternative source of income generation	03	22	3 units
	Mushroom				

^{*} 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 N o.	Crop	Thematic area	Technology Demonstrate d	Season and year	Area	(ha)		. of farmer monstratio		Reasons for shortfall in achievement	Farming situation (Rainfed/ Irrigated, Soil type, altitude,	(k	atus soil Kg/h	a)
					Proposed	Actual	SC/ST	Others	Total		etc.)	N	P	K
1.	Maize	Varietal evaluation	RCM-76	Kharif, 2018	1	1	05	-	05	Nil	Rainfed	-	=	-
2.	Soybean (CFLD)	Varietal evaluati on	Dsb-19	Kharif, 2018	10	10.5	38	-	38	Nil	Rainfed			
3.	Toria (CFLD)	Varietal evaluati on	TS	Rabi season , 2018	20	20	51	-	51	Nil	Rainfed			
4.	Oyster Mushro om	Others	Pleurotus florida	Rabi season , 2018	-	-	22	-	22	-				

c. Performance of FLD on Crops

Sl. No.	Crop	Thematic area	Area (ha.)	Avg. (Q/		% increas		nal data o. Yield	paramet	a on ers other	E	con. of den	no. (Rs./ha	.)	E	con. of che	eck (Rs./Ha	a.)
				Demo.	Check	e in Avg. yield	H*	L*		eld, e.g., ease ce, pest Local	GC**	GR**	NR**	BCR*	GC	GR	NR	BCR
1	Maize RCM- 76	Varietal evaluati on of RCM-76	1	31.84	23.0	38.43	34.4	28.12	Plant height 205cm Grain /cob: 412.6 grain weight /cob:1 41.7 Row/c ob:13	Plant height 208.4 Grain /cob:3 24 grain weight /cob:1 20.4 Row/c ob:10	27375. 00	63680. 00	36305. 00	2.32:1				
2	Oilsee d Soybe an Dsb- 19 under NMO OP	Varietal evaluatio n of Soybean Dsb-19	10	17.03	10.5	63	18.53	16.08			33600	85100	51500	2.53:1				

3	Oilsee	Varietal	20	4.53	3.4	33.72	6.4	3.15		19918	29424	9506	1.47:1	22100	15220	6880	1.45:1
	d	evaluatio															
		n of															
	Toria-	Toria															
	38	TS-38															
	under																
	NMO																
	OP																

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

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	er of partic	ipants	Remarks
	v	organized		Gen	SC/ST	Total	
1	Field days	2	27/10/2018	NIL	41	41	
			08/03/2018				
2	Farmers Training	04	28/6/2018,	Nil	120	120	
			03/7/2018				
			9/7/2018				
			11/8/2018				
2	Farmers Training (horti.)	02	10/12/2018 &	NIL	56	56	
			01/03/2019				
3	Media coverage	NIL	NIL	NIL	NIL	NIL	

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

4	Training for extension functionaries	01	19/12/2018	NIL	10	10	
	(horti.)						
5	Any other (Pl. specify)	NIL	NIL	NIL	NIL	NIL	
	Total	09	NIL	NIL	223	223	

(ii) Livestock Enterprises

Sl. No.	Enterpri se/ Categor y (e.g., Dairy,	Them atic area	Name of Techn ology	No. of farme rs	No. of unit s	No. of animals, poultry birds etc.	Ma Perfori parame indica	mance eters /	% chang e in the para	her eters (if ey)	E G	con. o (Rs./		о.	GC	con. of (Rs./H		В	Remarks
	Poultry etc.)						Demo	Chec	meter		C **	R **	R **	C R			R	C R	
1	Poultry	Breed evaluat ion	Vanara ja	43	03	900	Mortality Survivelity Bwt. Gain	k			14 70 00	34 70 00	19 50 00	**					
2	SLMB		SLMB for mithun	57	03	370	Time, frequenc y of monitori ng, No of visists				96 00	24 00	72 00						

** 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.

(iv) Other enterprises

Sl. No.	Categor y/ Enterpri se, e.g., mushro	Them atic area	Name of Techn ology	No. of farme rs	No. of units	Ma Perfor param indica	mance eters /	% chang e in the	Oth param (if ar	eters	Econ.	of der	no. (Rs.	/Ha.)]	Econ. (Rs.	of cho /Ha.)		Remar ks
	om, vermico mpost, apicultu re etc.					Demo	Check	para meter	Demo	Che ck	GC*	GR **	NR* *	BC R* *	G C	GR	N R	B C R	
1	Oyster Mushroo m cultivatio	Incom e generat ion	Pleuro tus florida	22	3	1.5 kg/bag	-		Weig ht of	-	17,0 00	60, 000	43,0 00	2.5					

^{**} 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.

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

3.3. Achievements on Training

3.3.1. <u>Farmers and Farm Women</u> in <u>On Campus</u> including <u>Sponsored On Campus</u> Training Programme (*Sp. On means On Campus training programmes sponsored by external agencies)

	No. of (Courses/	prog										Part	icipants								
	On-	Spo n	Total			Ge	neral					S	C/ST					Tot	tal			G1
Thematic area	Campu s	On*		M	lale	Fei	male	To	otal	M	lale	Fe	male	То	tal	M	ale	Fen	nale	To	otal	Grand Total
	(1)	(2)	(1.2)	On	Sp. On	On	Sp. On	On	Sp. On	On	Sp. On	On	Sp. On	On	Sp. On	On	Sp. On	On	Sp. On	On	Sp. On	(x+y)
		(2)	(1+2)	(4)		(6)		(a= 4+6	(b=	(8)		(10		(c= 8+10	(d=	(4+8	(5+9	(6+10	(7+11	(x=	(y=	

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

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

			(5)	(7))	5+7)		(9))	(11))	9+11))))	+c)	b +d)	
I. Crop Produ	ction																		
Weed Management																			
Resource Conservation Technologies																			
Cropping Systems	01	01					11		18		29		11		18		29		29
Crop Diversificatio n																			
Integrated Farming																			
Water management																			
Seed production																			
Nursery management																			
Integrated Crop Management																			
Fodder production																			
Production of organic inputs																			

II. Horticulture																		
a) Vegetable Crop	os																	
Production of low volume and high value crops																		
Off-season vegetables																		
Nursery raising																		
Exotic vegetables like Broccoli																		
Export potential vegetables																		
Grading and standardizatio n																		
Protective cultivation (Green Houses, Shade Net etc.)																		
b) Fruits	J	<u> </u>	 <u> </u>	<u> </u>	<u> </u>	1	<u>I</u>	I		<u> </u>	<u>I</u>	<u>I</u>	I					
Training and Pruning																		
Layout and Management																		

of Orchards														
Cultivation of Fruit		01	01					43	26	69	43	26	69	69
Management of young plants/orchard														
Rejuvenation of old orchards														
Export potential fruits														
Micro irrigation systems of orchards														
Plant propagation techniques														
c) Ornamental	Plants	<u> </u>				1								
Nursery Management														
Management of potted plants														
Export potential of ornamental plants														

	1	1	1	1	1	1	1	1		1		1		1	1	1	
Propagation																	
techniques of																	ĺ
Ornamental																	ĺ
Plants																	ĺ
d) Plantation of	crops																
Production																	
and																	ĺ
Management																	ĺ
technology																	ĺ
teemology																	ĺ
Processing																	
and value																	ĺ
addition																	ĺ
addition																	İ
e) Tuber crops	S	I		I					I	I					l	I	
Production																	
and																	ĺ
Management																	ĺ
technology																	ĺ
teemology																	
Processing																	
and value																	ĺ
addition																	ĺ
addition																	İ
f) Spices	·I	1		I	ı	I	I		I	I		I		I	I		
Production																	
and																	İ
Management																	İ
tachnology																	İ
technology																	ĺ
Processing																	
and value																	İ
addition																	İ
addition																	İ
g) Medicinal a	nd Aron	natic Pl	lants	<u>I</u>	I	<u>I</u>	<u>I</u>		1	<u>I</u>		<u> </u>		<u> </u>	<u> </u>		

Nursery management															
Production and management technology		01	01					39	28	67	39	28		67	67
Post harvest technology and value addition															
III Soil Health	and Fer	tility N	Ianagei	ment	I	<u>I</u>							ı		I
Soil fertility management															
Soil and Water Conservation															
Integrated Nutrient Management															
Production and use of organic inputs															
Management of Problematic soils															
Micro nutrient deficiency in crops															

Nutrient Use															
Efficiency															
Soil and Water Testing															
IV Livestock P	roductio	n and	Manag	gemen	t	ı	I		ı						
Dairy Management															
Poultry Management															
Piggery Management															
Rabbit Management															
Disease Management															
Feed management															
Production of quality animal products															
VII Plant Prote	ection	ı	l			l	I						I		
Integrated Pest Management															
Integrated Disease Management															

Bio-control of																
pests and																
diseases																
discases																
Production of																
bio control																
agents and																
bio pesticides																
IX Production	of Input	s at sit	e													
Seed																
Production																
Planting																
material																
production																
Bio-agents																
production																
Dia mantinidan																
Bio-pesticides																
production																
Bio-fertilizer																
production																
production																
Vermi-																
compost																
production																
Organic																
manures																
production																
Production of																
fry and																
fingerlings																
Production of																
Bee-colonies																
		ı	l	1	l	l	l	L	l	l				l		

and wax sheets														İ
Small tools and implements														
Production of livestock feed and fodder														
Production of Fish feed														
X Capacity Bu	ilding ar	d Gro	up Dyn	amics	3									
Leadership development														
Group dynamics														<u> </u>
Formation and Management of SHGs	01		01					-	30	30	-	30	30	30
Mobilization of social capital														
Entrepreneuri al development of farmers/youth s														
WTO and IPR issues														

XI Agro-forest	try																		
Production technologies																			
Nursery management																			
Integrated Farming Systems																			
TOTAL	02	02	04				11	82	48	54	48	136	11	82	48	54	48	147	184

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	Courses	/ prg.									Pa	articipar	nts								Gran d
Thematic area						Ge	neral					S	C/ST					Tot	tal			Total
Thematic area	Off	Sp Off*	Total	М	ale	Fei	male	To	otal	M	lale	Fei	male	To	tal	М	ale	Fer	nale	To	otal	
				Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	Off	Sp Off*	
I. Crop Produc	ction							<u> </u>		<u> </u>												1
Weed Management	01		01							19		13		32		19		13		32		32
Resource Conservation Technologies																						
Cropping Systems	02		02							24		35		59		24		35		59		59

Crop Diversificatio n													
Integrated Farming													
C													
Water management													
Seed production													
Nursery management													
Integrated Crop Management													
Fodder production													
Production of organic inputs													
II. Horticultur	re	I				I							
a) Vegetable C	Crops												
Production of low volume													
and high value crops													
Off-season vegetables													
Nursery raising													
	•	•	•		•	•							

Exotic vegetables like Broccoli																						
Export potential vegetables																						
Grading and standardizatio n																						
Protective cultivation (Green Houses, Shade Net etc.)																						
b) Fruits				l																l		l
Training and Pruning																						
Layout and Management of Orchards																						
Cultivation of Fruit	03	01	04	-	-	-	-	-	-	63	42	31	22	94	64	63	42	31	22	94	64	158
Management of young plants/orchard																						
Rejuvenation of old orchards																						
Export potential																						

fruits													
Micro irrigation systems of orchards													
Plant propagation techniques													
c) Ornamenta	l Plants	ı				I	I	I				I	
Nursery Management													
Management of potted plants													
Export potential of ornamental plants													
Propagation techniques of Ornamental Plants													
d) Plantation	crops	1	l		<u> </u>								,
Production and Management technology													
Processing and value													

addition															
e) Tuber crops	<u> </u>	I		<u> </u>		ı	1	l	<u>I</u>						
Production and Management technology															
Processing and value addition															
f) Spices	I	I		<u> </u>		ı	1	l	<u>I</u>						
Production and Management technology	01		01						01	26	27	01	26	27	27
Processing and value addition															
g) Medicinal a	nd Aron	natic Pl	ants				1		<u> </u>						
Nursery management															
Production and management technology															
Post harvest technology and value addition															

III Soil Health	and Fer	tility Ma	anagei	ment														
Soil fertility management	02		02						21	18	39		21		18		39	39
Soil and Water Conservation																		
Integrated Nutrient Management																		
Production and use of organic inputs																		
Management of Problematic soils																		
Micro nutrient deficiency in crops																		
Nutrient Use Efficiency																		
Soil and Water Testing																		
IV Livestock P	roductio	n and N	Ianag	ement	t	l	I	 1		I	I	<u> </u>	I	I	<u>I</u>	l	l	1
Dairy Management																		
Poultry Management	02		02						25	33	58		25		33		58	58

Piggery Management	02		02						31		23	54	31	23	54	54
Rabbit Management																
Disease Management	02		02						38		25	63	38	25	63	63
Feed management																
Production of quality animal products																
VII Plant Prot	ection	1		<u>I</u>		I	I	I	<u>I</u>			l				
Integrated Pest Management																
Integrated Disease Management																
Bio-control of pests and diseases																
Production of bio control agents and bio pesticides																
IX Production	of Input	s at sit	e	ı	1	1	l	1	ı	1		1				
Seed Production																

Planting material production												
Bio-agents production												
Bio-pesticides production												
Bio-fertilizer production												
Vermi- compost production	01	01				10	14	24	10	14	24	24
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												

V C	.1.12	10	D	•												
X Capacity Bu	iliding ar	ia Gro	up Dyn	iamics	8											
Leadership development																
Group dynamics																
Formation and Management of SHGs																
Mobilization of social capital																
Entrepreneuri al development of farmers/youth s																
WTO and IPR issues																
XI Agro-forest	try	ı			I	1	ı	ı	I							l
Production technologies																
Nursery management																
Integrated Farming Systems																

XI Others																			
Oyster mushroom production	02		02				42		14		56		42		14		56		56
TOTAL	18	01	19				27 4	42	23 2	22	506	64	274	42	232	22	50 6	64	570

(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)

		of Cour Prog	ses/									Pai	rticipa	nts								Grand Total
			Total				neral						C/ST					To				(x + y)
Thematic area			1000	M	lale	Fei	male	To	otal	M	lale	Fei	male	Total		Male		Female		Total	Į	
	On (1)	Sp On*	(1+2)	On (4)	Sp. On (5)	On (6)	Sp. On (7)	On (a= 4+6)	Sp. On (b= 5+7)	On (8)	Sp. On (9)	On (10	Sp. On (11)	On (c= 8+10	Sp. On (d= 9+11	On (4+8	Sp. On (5+9	On (6+10	Sp. On (7+11	On (x= a +c)	Sp. On (y= b +d)	
															,						+ u)	
Mushroom Production																						
Bee-keeping																						
Integrated farming																						
Seed production																						
Production of																						

	1	1	ı	-		ı	1	-	1	 -				
organic inputs														<u></u>
Integrated Farming														
Planting material production														
Vermi-culture														
Sericulture														
Protected cultivation of vegetable crops														
Commercial fruit production														
Repair and maintenance of farm machinery and implements														
Nursery Management of Horticulture crops														
Training and pruning of orchards														
Value														

1.11.1	I	1	1		-	1	1		1				1	1	1
addition								 		 	 				
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											

3.3.4. Achievements on Training of <u>Rural Youth</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	Courses	Prog.									Pa	rticipaı	nts								Grand Total
						Ger	neral					S	C/ST					Tot	tal			
Thematic area	Off	Sp	Tota	M	ale	Fer	nale	To	otal	M	ale	Fei	male	To	tal	M	ale	Fen	nale	To	otal	
		Off	1	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	1	1		-	 -	-	-	 		
Bee-keeping													
Integrated farming													
Seed production													
Production of organic inputs													
Integrated Farming													
Planting material production													
Vermi-culture													
Sericulture													
Protected cultivation of vegetable crops													
Commercial fruit production	01	01				22	03	25		22	03	25	25
Repair and maintenance of farm machinery and implements													
Nursery Management of													

Horticulture												
crops												
Training and pruning of orchards												
Value addition												
Production of quality animal products												
Dairying												
Sheep and goat rearing												
Quail farming												
Piggery												
Rabbit farming												
Poultry production	01	01				25	10	35	35	10	35	35
Disease management	01	01				18	23	41	18	23	41	41
Ornamental fisheries												
Para vets												
Para extension workers												

C Extension	L			l	<u> </u>	1	l		l	1	l					l	l				l	<u> </u>
TOTAL	03	-	03	-	-	-	-	-	-	65	-	36	-	101	-	65	-	36	-	10 1	-	101
Rural Crafts																						
Tailoring and Stitching																						
Post Harvest Technology																						
Small scale processing																						
Fry and fingerling rearing																						
Fish harvest and processing technology																						
Cold water fisheries																						
Pearl culture																						
Shrimp farming																						
Freshwater prawn culture																						
Composite fish culture																						

C. Extension Personnel

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

	No. of	Courses	/ prog									Pai	rticipa	nts								Grand Total
				Gen	eral					SC/S	ST					Total	l					$(\mathbf{x} + \mathbf{y})$
Thematic area			Total	М	ale	Fer	male	Total		Male		Fema	ıle	Total		Male		Female		Total		
Thematic area	On (1)	Sp On* (2)	(1+2)	On (4)	Sp. On (5)	On (6)	Sp. On (7)	On (a= 4+6)	Sp. On (b= 5+7)	On (8)	Sp. On (9)	On (10)	Sp. On (11)	On (c= 8+10)	Sp. On (d= 9+11)	On (4+8	Sp. On (5+9	On (6+10)	Sp. On (7+11	On (x= a +c)	Sp. On (y= b +d)	
Productivity enhancement in field crops																						
Integrated Pest Management																						
Integrated Nutrient management																						
Rejuvenation of old orchards																						
Protected cultivation technology																						
Formation and Management of SHGs																						
Group Dynamics and																						

farmers organization											
Information networking among farmers											
Capacity building for ICT application											
Care and maintenance of farm machinery and implements											
WTO and IPR issues											
Management 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 mainstreamin g through SHGs												
Oyster mushroom production	01	01				-	10	10	-	10	10	10
TOTAL	01	01				-	10	10	-	10	10	10

3.3.6. Achievements on Training of Extension Personnel in Off Campus including Sponsored Off Campus Training Programmes

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

	No. of (Courses	/ prog.									Pa	rticipai	nts								Grand Total
						Ge	neral					S	C/ST					Tot	tal			1
Thematic area	Off	Sp Off	Tota	M	ale	Fei	male	To	otal	М	ale	Fer	nale	Total		Male		Female	e	Tota	ıl	
	On	*	1	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 enhancement in field crops																						
Integrated Pest Management																						
Integrated Nutrient																						

management											
Rejuvenation of old orchards											
Protected cultivation technology											
Formation and Management of SHGs											
Group Dynamics and farmers organization											
Information networking among farmers											
Capacity building for ICT application											
Care and maintenance of farm machinery and implements											
WTO and IPR issues											

Management 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 mainstreamin g 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 traini	Title of the training programm	Date (From – to)	Durati on in days	Venue	Please specify Beneficiary group (Farmer & Farm women/ RY/ EP and NGO Personnel)		General ticipar			SC/S	Γ	Gra	and To	tal
	ng	e	(0)	days		Li unu ((GO i ersonner)	M	F	Т	M	F	Т	M	F	T
Horticultur e (scheduled)	Incom e gener ation	Cultivation aspects of Oyster Mushroom production to popularizin g among the extension personals	19/12//2 018	1 day	KVK Office	Extension Personnel (teachers)					10	10		10	10
	SHGs	Formation & Strengtheni ng of Women Self Help Group (SHGs)for livelihood improveme nt	20/08/2 018	1 day	KVK Office	Farm women					30	30		30	30
Horticultur e (sponsored)	Fruit produ ction	Scientific cultivation of Kiwi fruit & walnut	23/01/2 019	1 day	KVK Office	Farmer & Farm women				43	26	69	43	26	69
	Arom atic plants produ ction	Cultivation and processing of Aromatic plants.	13/01/2 019	1 day	KVK Office	Farmer & Farm women				39	28	67	39	28	67

Agronomy	Cropp	Maize	3/07/20	1 day	KVK	Farmer & Farm women		11	18	29	11	18	29
	roduct	production	18		Office								
	ion	technology											

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

Discipline	Area of traini	Title of the training programm	Date (From – to)	Duratio n in days	Venue	Please specify Beneficiary group (Farmer & Farm women/ RY/ EP and NGO Personnel)		enera ticipa			SC/ST		Gra	and To	tal
	ng	e					M	F	T	M	F	Т	M	F	T
Horticultur e (scheduled)	Fruit produ ction	Scientific cultivation of Kiwi fruit for livelihood improveme nt	24/06/2 018	1 day	Dhanba ri village	Farmer & Farm women				22	04	26	22	04	26
	Fruit produ ction	Scientific cultivation of Kiwi fruit for livelihood improveme nt of rural youths	28/09/2 018	1 day	Yatong village	Rural Youth				22	03	25	22	03	25
	Incom e gener ation	Cultivation of Oyster Mushroom production	10/12/2 018	1 day	Lautul village	Farmer & Farm women				23	08	31	23	08	31
	Nurse ry	Establishm ent of	09/01/2	1 day	Amlian g	Farmer & Farm women				01	26	27	01	26	27

	produ ction	Large Cardamom Nursery and its Manageme nt	019		village								
	Fruit produ ction	Scientific cultivation of Apple fruit	11/03/2 019	1 day	Chaglo ngam village	Farmer & Farm women		19	12	31	19	12	31
	Fruit produ ction	Scientific cultivation of Kiwi fruit	06/02// 2019	1 day	Taflaga m village	Farmer & Farm women		22	15	37	22	15	37
	Inco me gener ation	Oyster Mushroom production	01/03/2 019	1 day	Khunda n village	Farmer & Farm women		19	06	25	19	06	25
Horticultur e (sponsored	Fruit produ ction	Scientific cultivation of Apple fruit	12/03/2 019	1 day	Chaglo ngam circle	Farmer & Farm women		42	22	64	42	22	64
Agronomy	Weed mana geme nt	Weed managemen t of maize	09/07/2 018	1 day	Meteng liang	Farmer & Farm women		19	13	32	19	13	32
	Crop Prodc ution	Soybean Production technology	28/06/2 018	1 day	Tafralia ng	Farmer & Farm women		11	20	31	11	20	31

	Crop Prodc ution	Oilseed production technology	11/10/2 018	1 day	Dhanba ri	Farmer & Farm women		13	15	28	13	15	28
	Fertili ty mana geme nt	Soil fertility managemen t	9/03/20 19	1 day	Dhanba ri	Farmer & Farm women		15	06	21	15	06	21
	Fertili ty mana geme nt	Soil fertility managemen t	02/03/2 018	1 day	Huilian g	Farmer & Farm women		6	12	18	6	12	18
		vermicomp ost	20/08/2 018	1 day	Meteng liang	Farmer & Farm women		10	14	24	10	14	24
Animal Science	Poultr y produ ction	Packyard poultry production	15.05.20 18	1 day	Medon g	Farmer & Farm women		17	13	30	17	13	30
	Poultr y produ ction	Packyard poultry production	30.05.20 18	1 day	Tafralia ng	Farmer & Farm women		16	12	28	16	12	28
	Disea se mana geme nt	Disease managemen t in piggery	21.06.20	1 day	Meteng liang	Farmer & Farm women		18	10	28	18	10	28

Pigger y	Scientic piggery production	3.7.2018	1 day	Suplian g	Farmer & Farm women		13	10	23	13	10	23
Pigger y	Scientic piggery production	12.10.18	1 day	Tafralia ng	Farmer & Farm women		18	13	31	18	13	31
Disea se mana geme nt	FMD in cattle managemen t	02.03.20 19	1 day	Meteng liang	Farmer & Farm women		20	15	35	20	15	35
Poultr y produ ction	Scientific poultry production	12.12.20 18	1 day	tapang	Rural youth		25	10	35	25	10	35
Disea se mana geme nt	Disease managemnt in piggery production	08.03.20 19	1 day	Yatong	Rural youth		18	23	41	18	23	41

(D*training title should specify the major technology /skill transferred Annexure 3: Only Sponsored Training Programmes (On, Off and Vocational)

										No. of	Partic	ipants	;			Spo	Amoun	
On/ Off/ Vocational	Beneficiary group (F/ FW/ RY/ EP)	Date (From- To)	Duration (days)	Discipline	Area of training	Title	(Genera	al		SC/ST	,		Total		nsor ing Age ncy	t of fund receive d (Rs.)	
							M	F	Т	M	F	Т	M	F	T			

on	F/FW/RW	13.01.20 19	1	Horticultur e	Production technology	Production technology of medicinal and aromatic plants		39	28	67	39	28	67	CSI R NEI ST	
on	F/FW/RW	23.01.20 19	1	Horticultur e	Production technology	Production technology of Kiwi and apple plants		43	26	69	43	26	69	NEC	
off	F/FW/RW		1	Horticultur e	Production technology	Production technology of Kiwi and apple plants		42	22	64	42	22	64	NEC	
Total			3					12 4	76	20 0	12 4	76	20 0		

3.4. Extension Activities (including activities of FLD programmes) (Please mention specific Extension Activity conducted by the KVK such as Field Day, Kisan Mela, Exhibition, Diagnostic Visit, etc.) during 2018-19

Sl. No.		Topic	Date and duration	No. of activities					I	Participa	nts					
	Extension Activity				G	eneral (1)	l		SC/ST (2)			tensi fficia (3)	-	Gı	rand To (1+2)	tal
					M	F	T	M	F	Т	M	F	T	M	F	T
1.	Advisory services		108	263				139	124	263				139	124	263
2.	Diagnostic visit		01	01				20	23	43				20	23	43
3.	Field day		02	02				26	15	41				26	15	41
4.	Group Discussion		09	09				44	26	70				44	26	70

5.	Kishan Gosthi	-	-		-	-	-		-	-	-
6.	Kishan Mela		-								
7.	Film show		-		-	-	-		-	-	-
8.	SHG formation	05	03		08	40	48		08	40	48
9.	Exhibition	03	03								mass
10.	Scientists visit to farmers fields	74	89		99	55	154		99	55	154
11.	Plant/ Animal Health camp	-	-								
12.	Farm science club		-								
6.	Ex-trainee Sammelan		-								
7.	Farmers seminar/ workshop		-								
8.	Method demonstration	10	10		57	38	95		57	38	95
9.	Celebration of important days	07	07		Mass	Mass	Mass		Mass	Mass	Mass
10.	Exposure visits		-								
11.	Electronic media (CD/DVD)		-								
12.	Extension literature				Mass	Mass	Mass		Mass	Mass	Mass
13.	Newspaper coverage	20	26		Mass	Mass	Mass		Mass	Mass	Mass
14.	Popular articles		-								
15.	Radio talk		-								
16.	TV talk		-	+ +				+			
17.	Training manual	00	1	+ +	Mass	Mass	Mass		Mass	Mass	Mass
18.	Soil health camp	01	01		19	11	30		19	11	30

19.	Awareness camp	03	03		205	115	320		205	115	320
20.	Lecture delivered as resource person	05	08		143	71	214		143	71	214
21.	PRA	00	02						23	44	67
22.	Farmer-Scientist interaction	00	02		84	52	136		84	52	136
23.	Soil test campaign		-		-	-	-		-	-	-
24.	Mahila Mandal Convener meet		-		-	-	-		-	-	-
25.	Any other (Please specify)		-		-	-	-		-	-	-
	Grand Total	248	430		844	570	1414		844	570	1414

3.5 Production and supply of Technological products during 2018-19

A. SEED MATERIALS

Major group/class	Crop	Variety	Quantity (qt)	Value (Rs.)	Number	of recipient/ be	neficiaries
					General	SC/ST	Total
CEREALS							
OILSEEDS							
PULSES	Cowpea		0.4			15	15
VEGETABLES							
FLOWER CROPS							
OTHERS (Specify)							

A1. SUMMARY of Production and supply of Seed Materials during 2018-19

Sl. No.	Major group/class	Quantity (ton.)	Value (Rs.)	Numb	er of recipient/ benefic	ciaries
227107	inadjor group/orans	Quantity (told)	V 11210 (2125)	General	SC/ST	Total
1	CEREALS					
2	OILSEEDS					
3	PULSES	0.40			15	15
4	VEGETABLES					
5	FLOWER CROPS					
6	OTHERS					
	TOTAL	0.40			15	15

B. Production of Planting Materials (Nos. in lakh)

Major group/class	Crop	Variety	Numbers (In Lakh)	Value (Rs.)	Numb	er of recipient l	oeneficiaries
					General	SC/ST	Total
Fruits	Kiwi fruit, apple and walnut	Allison, Red delicious and Kagzi	0.122			152	152
Spices							
Ornamental Plants							
VEGETABLES	Broccoli	Green magic	0.015			07	07
Forest Spp.							

Plantation crops					
Medicinal plants					
OTHERS (Pl. Specify)		0.137		159	159

B1. SUMMARY of Production and supply of Planting Materials (In Lakh) during 2018-19

Major group/class	Numbers (In	Value (Rs.)	Numb	er of recipient benefic	iaries
	Lakh)	, ,	General	SC/ST	Total
Fruits	0.122			152	152
Spices					
Ornamental Plants					
Forest Spp.					
Medicinal plants					
Plantation crops					
OTHERS (Specify)	0.015			07	07
	0.137			159	159
	Spices Ornamental Plants Forest Spp. Medicinal plants Plantation crops	Fruits 0.122 Spices Ornamental Plants Forest Spp. Medicinal plants Plantation crops OTHERS (Specify) 0.015	Fruits 0.122 Spices Ornamental Plants Forest Spp. Medicinal plants Plantation crops OTHERS (Specify) 0.015	Major group/class Value (Rs.) General	Lakh Value (RS.) General SC/ST

C. Production of Bio-Products during 2018-19

Major group/class	Product Name	Species	Qu	antity	Value (Rs.)		er of Recipi eneficiaries	
			No	(qt)				
						General	SC/ST	Total
BIOAGENTS								

BIOFERTILIZERS	Vermicompost	Eisinia foetida	2q		14	14
BIO PESTICIDES			2 q		14	14

C1. SUMMARY of production of bio-products during 2018-19

Sl. No.	Product Name	Species	Qua	ntity	Value (Rs.)	Number of Recipient beneficiaries		Total number of Recipient
			Nos	(kg)		General	SC/ST	beneficiaries
1	BIOAGENTS							
2	BIO FERTILIZERS	Eisinia foetida	-	200			14	14
3	BIO PESTICIDE							
	TOTAL			200			20	20

D. Production of livestock during 2018-19

Sl. No.	Type of livestock	Breed	Quantity		Value (Rs.)	Number of Recipient beneficiaries		-
			(Nos)	Kgs				
						General	SC/ST	Total
	Cattle/ Dairy	NIL	NIL	NIL	NIL	NIL	NIL	NIL
	Goat	NIL	NIL	NIL	NIL	NIL	NIL	NIL
	Piggery	NIL	NIL	NIL	NIL	NIL	NIL	NIL
	Poultry	NIL	NIL	NIL	NIL	NIL	NIL	NIL

Fisheries	NIL	NIL	NIL	NIL	NIL	NIL	NIL
Others (Specify)	NIL	NIL	NIL	NIL	NIL	NIL	NIL

D1. SUMMARY of production of livestock during 2018-19

Sl. No.	Livestock category	Breed	Q	Quantity Volum (Ps.) beneficiaries num		heneficiaries		Total number of Recipient
	June go Ly		Nos	(kg)		General	SC/ST	beneficiaries
1	CATTLE	NIL	NIL	NIL	NIL	NIL	NIL	NIL
2	SHEEP & GOAT	NIL	NIL	NIL	NIL	NIL	NIL	NIL
3	POULTRY	NIL	NIL	NIL	NIL	NIL	NIL	NIL
4.	PIGGERY	NIL	NIL	NIL	NIL	NIL	NIL	NIL
5	FISHERIES	NIL	NIL	NIL	NIL	NIL	NIL	NIL
6	OTHERS (Pl. specify)	NIL	NIL	NIL	NIL	NIL	NIL	NIL
	TOTAL	NIL	NIL	NIL	NIL	NIL	NIL	NIL

3.6.	Literature Developed/Published	(with full title, author	& reference) during 2018-19
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(A) KVK News Letter ((Date of start, Periodicity	y, number of copies distributed etc.)	:

(B) Articles/ Literature developed/published

Item	Title/and Name of Journal	Authors name	Number of copies
Research papers/		-	-

1.	Chungrung- Mithun Cattle Hybrid: A Boon for Mishmi	(Tilling Tayo, Manish Kanwat, Neeta	
	Tribes of Arunachal Pradesh. Indian journal of Hill	Longjam, Prasanta Mahanta.)	
	farming December 2018, Vol. 31, Issue 2, Page 330-333		
2.	Int. J. Curr. Microbiol. App. Sci 7 (2): 2317-2326.	Meena, R.L. Jirli, B. Kanwat , M. N.K. Meena. (2018).	
3.	New Distribution records of Four species of crop wild relatives to India <i>Journal of Threatened Taxa</i> 11 (3): 13406–13414; https://doi.org/10.11609/jott.4133.11.3.13406-13414 .2019	Pradheep, K. John, K. J., Harish, G.D., Sultan, S.M., Jaisankar, I., Naveen K., Ahlawat S.P.and Kanwat. M. 2019.	
4.	New plant distributon records to Indian states and additon to the fora of Myanmar. <i>Journal of Threatened Taxa</i> 11 (6): 13795–13804. https://doi.org/10.11609/jot.4258.11.6.13795-13804	Pradheep, K., G.D. Harish, R.S. Rathi, J.J. Katukkunnel, S.M. Sultan, Naveen K , I. Jaisankar, A. Pandey, S.P. Ahlawat & R. Gupta (2019).	
Training manuals	01	Tilling Tayo	
	T-Bar Pole And Rope method of restraining Piglets for Castration		
Technical Report	2		
1.	FMD out break in Mithun	Tilling Tayo	-
2.	Dressing of maggot wound in cattle	Tilling Tayo	-
Book/ Book Chapter			
Popular articles			
Technical bulletins			
Extension bulletins			
		+	

Conference/ workshop proceedings/Abstract	1. Role of ICT intervention in promotion of Horticultural crops in Arunachal Pradesh.", Conference cum Krishi Unnati Mela approaches on doubling the farmers income; the road ahead for farmer prosperity, 17-18 November 2018 at KVK Namsai, Arunachal Pradesh. Pp 5-10.	Kanwat M., Kalita, H., Sasmal D., Ramakrishan, Y. Prakash, N. (2018).	
	2. Salt and mineral licking block (SMLB) technology to attract mithun in one spot as a drudgery reduction intervention for mithun rearing famers of Anjaw District (A.P) at Conference cum Krishi Unnati Mela approaches on doubling the farmers income; the road ahead for farmer prosperity, 17-18 November 2018 at KVK Namsai, Arunachal Pradesh.	Tayo T, Kanwat M ., Kalita, H., Prakash N., Samajdar T., (2018).	
	3. Entrepreneurship development through Contract Farming on Broiler production; boon for resource-less and unemployed rural youths. at National Agri business Entrepreneurships conclave, 9-11 February 2019 at ICAR Barapani Umiam, Meghalaya.	Tayo. T (2019).	
	4. "Traditional wisdom of Mishmi tribe: Converting Himalayan Nettle plant into ethnic wear", Conference cum Krishi Unnati Mela approaches on doubling the farmers income; the road ahead for farmer prosperity, 17-18 November 2018 at KVK Namsai, Arunachal Pradesh.	Naveen, K., Kanwat, M., Chanu, C. B., Gogoi, K. C. Mahanta, P. Kalita H.(2018)	
	5. Traditional low cost storage of Chow-Chow for doubling income by Meyor tribe in Anjaw, Arunachal Pradesh. Conference cum Krishi Unnati Mela approaches on doubling the farmers	Naveen, K, Kanwat, M.,, Ch. Bidyabati Chanu, Keshab Ch. Gogoi, Kangujam B. (2018).	

Any other (Pl. specify)			
e-publications	Nil	Nil	Nil
Leaflets/folders	Nil	Nil	Nil
	Large cardamom (Amomum subulatum Roxb) Nursery- Effect of different pre-sowing treatments on its germination and seedling growth published in the National Agri-Business Entrepreneurship Conclave (NABEC) from 9 th - 11 th February 2019 organized by the Agri- business (ABI) Centre, ICAR RC for NEH Region, Meghalaya.	Eko, R., Ngomle, S. and Kanwat M.(2019)	
	8. Documentation and Ethno Botanical Survey of Wild Edible Plants of Anjaw District at 4 th International Symposium on Minor Fruits, Medicinal & Aromatic Plants (ISMF, M&AP) December, 5-6, 2018 at CAU, CHF, Pasighat, AP.	Eko, R ., Ngomle, S. (2018)	
	7. Mushroom cultivation: A promising venture for Doubling Farmers Income. Conference cum Krishi Unnati Mela approaches on doubling the farmers income; the road ahead for farmer prosperity, 17-18 November 2018 at KVK Namsai, Arunachal Pradesh.	Ngomle S., Eko, R. and Kanwat M.	
	6. Value addition of Himalayan Nettle plants for income generation at Conference cum Krishi Unnati Mela approaches on doubling the farmers income; the road ahead for farmer prosperity, 17-18 November 2018 at KVK Namsai, Arunachal Pradesh.	Naveen, K, Kanwat, M.,, Ch. Bidyabati Chanu, Keshab Ch. Gogoi, Prasanta Mahanta, H. Kalita,.	
	income; the road ahead for farmer prosperity, 17-18 November 2018 at KVK Namsai, Arunachal Pradesh.		

TOTAL	18	

N.B. Please enclose a copy of each. In case of literature prepared in local language, please indicate thetitle 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	NIL	NIL	NIL

- 3.7. Success stories on horizontal spread of the technologies/Case studies, if any (two or three pages write-up on each case/ successes with suitable action photographs)
- 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	
1	Mithun	Salt Licking Block	Drudgery reduction	
2.				

3.10 Indicate the specific training need analysis tools/methodology followed for

- Identification of courses for farmers/farm women

Promotion and expansion for vegetables farming, mushroom cultivation and other skill development activities for generation of income among the SHGs

- Rural Youth
 - 1. Formation of Farmers Club and promotion to FPOs for development of marketing linkages for disposal of agriculture produces.
- Extension personnel
 - 1. Dissemination of latest developed technology and other need based technology for capacity building among the farmers and rural youths

3.11 Field activities

i. Number of villages adopted: 3

ii. No. of farm families selected: 12

iii. No. of survey/PRA conducted: 3

3.12. Activities of Soil and Water Testing

Status of establishment of Lab : No
 Year of establishment : No
 List of equipment's purchased with amount : No

Sl. No		Name of the Equipment	Qty.	Cost	
51. 140	S&WT lab	Mini lab/ Mridaparikshak Manufacturer		Qiy.	
1		Mdridaparishak		1.	
2		Pusa STFR		1.	
3					
Total				2	

3. Details of samples analyzed (2018-19)

Details	No. of Sample sanalyzed	No. of Farmers	No. of Villages	Amount (In Rupees) realized
Soil Samples	70	72	5	
Water Samples	-	-	-	-
Plant Samples	-	-	-	-

Petiole Samples	-	-	-	-
Total	25	277	163	-

3. Details of Soil Health Cards (SHCs) (2018-19)

- a. No. of SHCs prepared:72
- b. No. of farmers to whom SHCs were distributed:72
- c. Name of the Major and Minor nutrients analyzed: Major (Calcium, Magnesium, Sulphur), Minor (N, P, K)
- d. No. of villages covered: 5
- e. Soil health card based nutrient management in different crops (pl. submit in brief in separate page)

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

Message	Crop		Livestock		Weather		Marketing		Awareness		Other Ent.		Total	
type	No. of Message	No. of Ben eficiary	No. of Message	No. of Benef iciary	No. of Message	No. of Benef iciary	No. of Message	No. of Benefi ciary	No. of Message	No. of Benef iciary	No. of Message	No. of Benef iciary	No. of Message	No. of Benefi Ciary
Text only	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Voice only	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Voice and Text both	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-

3.14 Contingency planning for 2018-19

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)	Troposed Medical		General	SC/ST	Total	
Drought	Introduction of new					
Divugit	variety or crop					
	Short duration crops/varieties like RCM-1-75, RCM-1-76 Conservation of pre-	5.00		20.00	20.00	

monsoon soil moisture through soil/straw/grass mulching practices Maize + groundnut/soya bean/rice bean inter cropping. Hydro priming/ seed soaking in water for 24hr and followed by shade drying before sowing. Application of organic manure before sowing.			
Introduction of Resource Conservation Technologies			
Planning for zero tillage cultivation of pea, toria etc.	3.00	15.00	15.00
Any other (Please specify)			

a. Livestock based Contingency planning

Contingency (Drought/ Flood/ Cyclone/ Any other please specify)	Number of birds/ animals to be distributed	No. of programmes to be undertaken	No. of camps to be organized	Proposed number of animals/ birds to be covered through camps	Number of to	beneficiaries be covered SC/ST	
Drought	200 animals	12	10	300		300	300

4.0. **IMPACT**

- 4.1.
- Impact of KVK activities (Not to be restricted for reporting period only) Should be based on actual study, questionnaire/group discussion etc. with ex-participants. NB:

4.2. Cases of large scale adoption

Till now no large scale adoption has been undertaken.

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

Name of organization	Nature of linkage		
ICAR RC for NEH Region Umiam	Planting/seed material and get the technical backstopping from the HQ end		
ICAR RC for NEH Region AP Centre, Basar	Planting/seed material and get the technical backstopping from the HQ end		
Department of Agriculture, Anjaw, Govt. of A.P	Sponsored cum collaborative programme		
Deptt of Veterinary & Animal Husbandry. Govt. of A.P	Sponsored cum collaborative programme		
General Administration	Logistic support		
NABARD	Financial Assistance		
College of Horticultural & Forestry	Technical backstopping		
NBPGR New Delhi	Technical backstopping		
CDPO, Hayuliang	Sponsored cum collaborative programme		
CSIR NEIST, Jorhat	Sponsored cum collaborative programme and technical backstopping as well as planting materials		
Spices Board, Namsai	Sponsored cum collaborative programme		

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 2018-19

Name of the scheme	Activity	Date/ Month of initiation	Funding agency	Amount (Rs.)

Nil	Nil	Nil	Nil	Nil

5.3 Details of linkage with ATMA

a) Is ATMA implemented in your district : Yes

5.4 Give details of programmes implemented under National Horticultural Mission

S. No.	Programme	Nature of linkage	Constraints if any
1	NIL	NIL	NIL
2	NIL	NIL	NIL

6. PERFORMANCE OF INFRASTRUCTURE IN KVK DURING 2018-19

6.1 Performance of demonstration units (other than instructional farm)

		_		Details of production		Amount (Rs.)			
Sl. No.	Demo Unit	Year of Estd.	Area	Variety	Variety Produce Qty.		Cost of inputs	Gross income	Remarks
2	Jalkund	2016	1			30000	4500		
3	Vermicompost	2016	4 unit	Eisinia foetida		200 Kg	-	500	
4	Mushroom	2016	1 unit	Oyster Mushroom		25 Kg	6000	750	
5	Polyhouse	2016	1 unit	Green magic Cowpea CP-4 baramasi		15 kg 40 Kg		2100	

6.2 Performance of instructional farm (Crops) including seed production

N	D-4 C	D-4C		Deta	ils of productio	n	Amour	nt (Rs.)	
Name of the crop	Date of sowing	Date of harvest	Area (ha)	Variety	Type of Produce	Qty.	Cost of inputs	Gross income	Remarks
Cereals		•	•			•	<u> </u>		•
Rice									
Wheat									
Maize	1April , 2018			RCM-76			200		Due to no fencing all the crops are being eaten by pigs and mithun
Any other									
Pulses									
Green gram									
Black gram									
Arhar									
Lentil									
Peas									
Any other									
Oilseeds			•						•
Toria	4 th Oct 2018			TS-38					Due to no fencing all the crops are being eaten by pigs and mithun
Groundnut									
Any other									
Fibers				1		1			
i.									
ii.									
Spices & Plantation cre	ops	l	1	_1			1		1
i.									
ii.									

Floricultur	Floriculture								
i.									
ii.									
Fruits									
i.		Kiwi			Allison				Still on growing stage
ii.									
Vegetables									
i.									
ii.		Broccoli			Green magic				
a. Ot (sp	a. Others (specify)								
i.									
ii.		· ·	-	_		-			

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

	Name of the		Amou	Amount (Rs.)		
Sl.No.	Product	Quantity	Cost of inputs	Gross income	Remarks	
1	Vermicompost	200 kg		500.00		

6.4 Performance of instructional farm (livestock and fisheries production)

C1 N	Name	Det	tails of production		Amou	nt (Rs.)	
Sl.No	of the animal / bird / aquatics	Breed/ species	Type of Produce	Qty.	Cost of inputs	Gross income	Remarks
1	NIL	NIL	NIL	NIL	NIL	NIL	NIL
2	NIL	NIL	NIL	NIL	NIL	NIL	NIL

6.5. Utilization of hostel facilities (Month-Wise) during 2018-19

Accommodation available (No. of beds):

Months	Title of the training course/Purpose of stay	Duration of Training	No. of trainees stayed	Trainee days (days stayed)	Reason for short fall (if any)
	NIL	NIL	NIL	NIL	NIL
	NIL	NIL	NIL	NIL	NIL
Total	NIL	NIL	NIL	NIL	NIL
Grand total	NIL	NIL	NIL	NIL	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			
With KVK	State Bank of India	SBI, Hayuliang	35540849992
Revolving Fund			

7.2 Utilization of funds under FLD (Rs. In Lakhs) if applicable

Item	Released by ICAR/ZPD		Expe	nditure	Unspent balance as on
	Year	Year	Year	Year	31 st March, 2019

Inputs	NIL	NIL	NIL	NIL	NIL
Extension activities	NIL	NIL	NIL	NIL	NIL
TA/DA/POL etc.	NIL	NIL	NIL	NIL	NIL
TOTAL	NIL	NIL	NIL	NIL	NIL

7.3 Utilization of KVK funds during the year 2018 -19

S. No.	Particulars	Sanctioned (in Lakh)	Released (in Lakh)	Expenditure (in Lakh)
A. Rec	curring Contingencies			
1	Pay & Allowances	85		
2	Traveling allowances	2.5		
3	Contingencies	15.50		
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 equipment's			
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 (minimum of 30 demonstration in a year)			
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)	103.00		
B. No	n-Recurring Contingencies			
1	Works	25.00		
2	Equipments including SWTL & Furniture			
3	Vehicle (Bolero)			
4	Library (Purchase of assets like books & journals)			
TOT	AL (B)	25.00(lakhs)		
C. RI	EVOLVING FUND	0.69	0.69	0.69
GRA	ND TOTAL (A+B+C)	128.69		
GRA	ND TOTAL (A+B+C)	128.69		

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 in hand as on 1 st April of each year
April 2016 to March 2017	-	20,295	Nil	20295
April 2017 to March 2018	20,295	1,37,170	Nil	1,57,465.00
April 2018 to March 2019	1,57,465.00	69,130.00	Nil	2,26,595.00

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

- (a) Administrative:
- I. Lack of manpower in the office to carry out the works on time.
- II. Lack of infrastructure facilities facility, the KVK has established in 2015 but till date no infrastructure has come up so far. Therefore, it is very difficult to run the office in a single room.

Staff sanction	Strength of staff	Vacant
16	07	09

- (b) Financial
- I. Due to remote locality, mostly we do not receive the fund timely to execute the activities timely and effectively.
 - (c) Technical
- I. No laboratory
- II. No demonstration unit
- III. No programme assistant
- IV. KVK site is located at remote area which is 22 Km far away from town

(Signature) Sr. Scientist cum Head

Pl. take maximum care while filling up the annual report format as per instructions so that no column is left blank. Pl. note that any incomplete individual KVK report shall not be considered and will be returned.