

ANNUAL REPORT OF KVK NAMSAI DISTRICT, 2017-18

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	
KVK, Namsai District, Momong(ICAR) Arunachal Pradesh Pin.- 792 102	03806-200100	03806-222381	pckvklohit@gmail.com

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

Address	Telephone		E mail
	Office	FAX	
ICAR RC - NEH Region. Umroi Road, Umiam, Meghalaya. Pin - 793103	0364-2570257	0364- 2570355	director.icar-neh@icar.gov.in

1.3. Name of the Senior Scientist and Head with phone & mobile No

Name	Telephone / Contact		
	Residence	Mobile	Email
Dr. Debasis Sasmal	Namsai	09436632208	pckvklohit@gmail.com

1.4. Year of sanction:

1.5. Staff Position (As on 31st March, 2018)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Present basic (Rs.)	Date of joining	Permane nt /Temporary	Category (SC/ST/ OBC/ Others)
1	Senior Scientist and Head	Dr. Debasis Sasmal (i/c)	ACTO(Fishery Science)	Fishery Science	76,200	12.10.2007	Permanent	General
2	Subject Matter Specialist	Dr. Debasis Sasmal (i/c)	ACTO (Fishery Science)	Fishery Science	76,200	12.10.2007	Permanent	General
3	Subject Matter Specialist	Dr. Binod K. Dutta Borah	ACTO (Animal Science-Production)	Vety. Gynecology & Obstractics	83,300+NPA Rs.7183 (Pre revised) 85,800+NPA Rs. 7183 (Pre Revised)	12.10.2007	Permanent	General
4	Subject Matter Specialist	Dr. Santosh Kumar	SMS (Animal Science)	Livestock Production & Manageme nt	59,500	05.07.2013	Permanent	OBC
5	Subject Matter Specialist	Vacant	SMS (Agronomy)	Agronomy	-	-	-	General
6	Subject Matter Specialist	Mrs. Madhumita Sonowal Bora	ACTO (Plant Protection)	Plant Protection	76,200	08.11.2007	Permanent	ST
7	Subject Matter Specialist	Mr. Ph. Chandraman i Singh	ACTO (Horticulture) (Transferred)	Horticulture	69,700	06.01.2011	Permanent	SC
8	Programme Assistant	Chow Inchen Namchoom	Programme Assistant, T-5	Engineering	49,000	24.10.2007	Permanent	ST
9	Computer Programmer	Md. Ziaur Rahman	Programme Assistant (Computer), T-5	M.Sc. (IT), (Computer)	49,000	29.10.2007	Permanent	General

10	Farm Manager	Mr. Azizur Rahman	Farm Manager, T-5	P.B.G.	49,000	30.11.2007	Permanent	OBC
11	Accountant / Superintendent	-	-	-	49,000	-	-	-
12	Stenographer	Mr. Birobrata Purakayastha	Junior stenographer	B.A.	34,300	29.10.2007	Permanent	General
13	Driver	Chow Rohit Khunchow	Driver cum mechanic	-	29,300	25.10.2007	Permanent	ST
14	Driver	Vacant	Driver cum mechanic	-	-	-	-	-
15	Supporting staff	Chow Kulenda Khunchow	SSS Grade - I	-	24,200	06.01.2007	Permanent	ST
16	Supporting staff	Chow Pinjawa Langkhun	SSS Grade - I	-	24,200	22.10.2007	Permanent	ST
	Total							

Note: No column in the table must be left blank

- 1.6. a. Total land with KVK (in ha) : 12.18
b. Total cultivable land with KVK (in ha) : 2.34
c. Total cultivated land (in ha) : 2.08

S. No.	Item	Area (ha)
1	Under Buildings (Administrative building+ Farmers' Hostel+ Staff Quarters)	0.27
2.	Under Demonstration Units	0.07
3.	Under Crops (Cereals, pulses, oilseeds etc.)	1.69
4.	Under vegetables	0.13
5.	Orchard/Agro-forestry	0.26
6.	Others (specify)	9.76

- 1.7. Infrastructural Development:
A) Buildings

S. No.	Name of building	Source of funding	Stage					
			Complete			Incomplete		
			Completion Date	Plinth area (Sq.m)	Expenditure (Rs.)	Starting Date	Plinth area (Sq.m)	Status of construction
1.	Administrative Building	ICAR	April-2013	550	88 Lakh	2011, Nov.	-	Completed
2.	Farmers Hostel	-	-	-	-	-	-	-
3.	Staff Quarters (6)	ICAR	August, 2013	400	35.46 Lakh	Oct., 2012	-	completed
4.	Demonstration Units (2)	ICAR	April-2013	160	12 Lakh	Nov., 2011	-	Completed
5	Fencing	ICAR	April, 2012	957	20 Lakhs	Nov., 2011	-	completed

B) Vehicles

Type of vehicle	Regd. No.	Year of purchase	Cost (Rs.)	Total kms. Run	Present status
Bolero	AR04 3415	17.04.2009	6,00,000	1,44,212 KM	Out of Order
Tractor	AR11 5874	22.03.2010	4,95,433	00237.6	Good Condition

C) Equipments & AV aids

Name of the equipment	Year of purchase	Cost (Rs.)	Present status
Xerox machine	30.03.2010	1,00,000.00	Not working
Laptop	30.03.2010	37,055.00	Not working
Digital camera	30.03.2010	20,000.00	Good

Computer	30.03.2010	45,900.00	Good
Fax machine	30.03.2010	25,000.00	Not working
Projector	30.03.2010	1,00,000.00	Not Working
Projector	Newly purchase	50,000.00	Good

1.8. A). Details SAC meeting* conducted in the year 2017-18

Sl. No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken on last SAC recommendation
1.	07.03.18	MR. Orin Lego, Sub Divisional officer, Namsai District	<p>i. He suggested to carry out the activities based on pre-survey and location specific problems.</p> <p>ii. He emphasised on more interactions between KVK and all most all state Govt. departments including district administration to formulate better ways of benefits for the farming community.</p> <p>iii. He emphasised on various kinds of demonstration and awareness programmes.</p>	-
		Dr. H. Kalita, Joint Director, ICAR RC for NEH Region, AP Centre, Basar	<p>i. He suggested KVK Namsai to collect gandhi bug trap from ICAR, AP Centre, Basar in order to reduce the infestation of gandhi bug at farmers field.</p> <p>ii. He emphasised for trial on sticky rice varieties preferably from Manipur having higher yield over local Lahi rice.</p> <p>iii. He emphasised a establishing low cost demonstration units at farm.</p>	
		Dr. Tanmay Samajdar, Nodal Cell incharge, ICAR RC for NEH Regio	<p>i. He emphasised on farmers practices to be assessed thoroughly for any kind of trial to be conducted.</p> <p>ii. He emphasised on readily available technologies to be included in OFT.</p> <p>iii. He emphasised on benefit/cost ratio that has to be assessed carefully before conducting any kind of trial.</p> <p>iv. He emphasised on latest crop varieties to be included in trial.</p> <p>v. He emphasised to take more varieties to undertake as treatment in each and every</p>	

			OFT. vi. He emphasised on title and technology of any trial that should not be treated as same. vii. He emphasised on technical matters that should be assessed in terms of scientific manner.	
		Mr. B. Biswas, District Agricultural Officer, Namsai District	-	
		Dr. Manish Kanawat, Senior Scientist and Head, KVK, Anjaw	i. He suggested that each and every parameters of a trial should be based on problem. ii. He suggested KVK staff to contact CPCRI Shillong for Potato storage.	
		Mr. S. Bhide, District Horticulture Officer, Namsai District	-	-
		Mr. H. C. Nath, In charge, Assistant Director, Fishery	-	-
		Mrs. N.N. Manno, District Training Officer, Namsai District	-	-
		Mr. Nabin Sonowal, Progressive Farmer, Khowji, Lekang Circle	-	-
		Nang Lik Mounkang, Progressive Farmer, Manmow, Namsai Circle	-	-
		Nang Anu Wailong, Progressive Farmer, Juna-IV, Lathao circle	-	-
		Chow Lachit Thamong, Progressive Farmer, Juna-IV, Lathao circle	i. He sought help from KVK for Potato cold storage facility. ii. He sought help from KVK for controlling Gandhi bug while cultivating Basmati rice at	

			his field.	
		Mr. Ghona Kanta Das, Progressive Farmer, Napatia, Chongkham circle	-	-
		Mr. Mukti Prasad Koirala, Progressive Farmer Chongkham Circle, Alubri	-	-
		Chow Sujanta Mansai, Governing Body Member, ATMA. Kherem	-	-
		Dr. Debasis Sasmal, i/c, Sr. Scientist cum Head, KVK	-	-

*** Attach a copy of SAC proceedings along with list of participants**

2. DETAILS OF DISTRICT

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

Sl. No	Farming system/enterprises
1.	Agri-Horti-Animal Husbandry
2.	Agri-Horti-Animal Husbandry-Fishery

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

Sl. No	Agro-climatic Zone	Characteristics
	Sub tropical hill zone	The climate of the district varies from place to place. Rainfall varies from 110-3645 mm, temperature 5 to 36°C. The district consists of plain flood prone area, foot and mid hill areas.

2.3 Soil type/s

Sl. No	Soil type	Characteristics	Area in ha
	Alluvial soils	Deep to medium deep, Well drain soil	20700 ha
	Sandy soils	Deep to medium deep, well drain soil, high erosion hazard	365880 ha
	Black soils	Deep to medium deep, well drain soil, medium erosion hazard	145620 ha
	Acid soils	Deep to medium deep, well drain soil, high erosion hazard acidic in reaction	518200 ha

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

Sl. No	Crop	Area (ha)	Production (ton)	Productivity (Qtl /ha)
	Rice	11654	3,039950	26.0
	Maize	9960	121140	12.1
	Wheat	475	7840	16.5

	Pulse	2110	21950	10.4
	Potato	732	68,810	94.22
	Oilseed	10,547	78,920	7.40
	Ginger	985	88260	94.22
	Turmeric	120	6000	50.0
	Vegetable	4450	180220	40.50
	Sugarcane	31	2020	65.0

2.5. Weather data

Month	Rainfall (mm)	Temperature ° C		Relative Humidity (%)
		Maximum	Minimum	
April, 2017	3.67	24.33	14.56	78.70
May, 2017	12.75	27.06	20.05	84.45
June, 2017	3.76	32.28	25.03	80.36
July, 2017	7.25	31.24	26.32	80.45
August, 2017	18.83	29.54	24.95	91.48
Sept, 2017	5.47	29.16	26.05	81.26
Oct, 2017	0.23	28.88	23.33	67.80
Nov, 2017	0.35	24.98	19.56	68.63
Dec, 2017	0.032	24.37	11.78	77.58
Jan, 2018	0.3	24.53	9.83	73.12
Feb, 2018	0.34	25.44	9.3	74.13
March, 2018	-	-	-	-

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

Category	Population	Production	Productivity
Cattle			
<i>Crossbred</i>	912		
<i>Indigenous</i>	64,346		
Buffalo	3165		
Sheep			
<i>Crossbred</i>	Nil		
<i>Indigenous</i>	06		
Goats	28899		
Pigs			
<i>Crossbred</i>	915		
<i>Indigenous</i>	13838		
Rabbits	1407		
Poultry			
Hens	69607		
<i>Desi</i>	7021		
<i>Improved</i>	18536		
Ducks			
Turkey and others			

Category	Area	Production	Productivity
Fish	73.5 hac	63.5 ton (pond)	
<i>Marine</i>			
<i>Inland</i>	73.5 hac	85.0 ton (total)	
Prawn			
Scampi			
Shrimp			

Note: Pl. provide the appropriate Unit against each enterprise

2.6 Details of Operational area / Villages (2017-18)

Sl. No.	Taluk	Name of the block	Name of the village	Major crops & enterprises	Major problem identified	Identified thrust area
NA	Chongkham	Chongkham, Momong, Nalung, Napatia, Alubari-Nepali Basti, Namliang, Manmow Tissue, Pangkhao, Marua, Empong.	Paddy, Mustard, Potato, Ginger, Poultry, Cow, Goat, Fishery.	<p>Agriculture :</p> <ol style="list-style-type: none"> 1. Lack of knowledge about scientific agronomic practices of different crops 2. Poor soil fertility 3. Stem borer, gall midge , Gandhi bug, leaf folder, and leaf roller attack in paddy 4. Poor yield of local varieties of paddy, pulses and oilseed 5. Non adoption of fertility management practices in all crops 6. Attack of stem borer/ top borer in maize 7. Lack of irrigation facility, erratic rainfall 8. Lack of knowledge regarding production and use of organic manures 9. Lack of knowledge about IPM/ INM of different crops 10. Traditional cropping without scientific management practices <p>Horticulture:</p> <ol style="list-style-type: none"> 1. Poor performance of local cultivars of fruits and Vegetable 2. Lack of availability of quality planting material in fruits and vegetables 3. Lack of knowledge about propagation technique of banana, citrus, litchi & other fruits 4. Lack of knowledge about scientific orchard management technology of citrus , pineapple. 		

3. TECHNICAL ACHIEVEMENTS

3. A. Details of target and achievements of mandatory activities by KVK during 2017-18

Discipline	OFT (Technology Assessment and Refinement)				FLD (Oilseeds, Pulses, Maize, Other Crops/Enterprises)			
	Number of OFTs		Number of Farmers		Number of FLDs		Number of Farmers	
	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Horticulture	02	02	16	16	02	02	30	30
Fishery Science	01	01	10	10	04	04	40	40
Animal Science	06	06	35	54	08	08	69	81
Agri. Engg	01	01	05	05	02	01	16	08
Total	10	10	66	85	16	15	155	159

Note: Target set during last Annual Zonal Workshop

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Horticulture								
Farmers	08	03	240	86				
Rural youth	01	-	30	-				
Extn. Functionaries	01	-	15	-				
Total	10	03	385	86	-	-	-	-
Seed Production (ton.)					Planting material (Nos. in lakh)			
5					6			
Target			Achievement		Target		Achievement	

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	
Clientele	Targets	Achievement	Targets	Achievement	Targets	Achievement	Targets	Achievement
Plant Protection								
Farmers								
Rural youth								
Extn. Functionaries								
Total								
Seed Production (ton.)					Planting material (Nos. in lakh)			
5					6			
Target			Achievement		Target		Achievement	

Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit)					Extension Activities			
3					4			
Number of Courses			Number of Participants		Number of activities		Number of participants	

Farmers	08	01	240	30				
Rural youth	-	-	-	-				
Extn. Functionaries	-	-	-					
Total	08	01	240	30	-	-	-	-
Seed Production (ton.)				Planting material (Nos. in lakh)				
5				6				
Target		Achievement		Target		Achievement		

Note: Target set during last Annual Zonal Workshop

3. B. Abstract of interventions undertaken during 2017-18

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.
01	Varietal evaluation	Litchi	Poor quality of fruit and low yield	High density planting of Litchi. var. Muzaffarpur	-	-	-	-	Cutting
02	Varietal evaluation	Lime	Poor quality of fruit and low yield	High density planting of Lime. var. Kagzilime	-	-	-	-	Seedling
03	Varietal evaluation	Tomato	Low yield and small size	Improve production technology of Tomato var. Manikhamenashir ba-11	-	-	-	-	Seed
04	Varietal evaluation	Chilli	Low yield and small size	Improve productio technology of Chilli Var. Pusa Jwala	-	-	-	-	Seeds
05	Varietal evaluation	Broccoli	low yield	-	Demonstration of HYV of Broccoli var. Fiesta	Scientific cultivation of Broccoli	-	-	Seeds
06	Varietal evaluation	Pea	Poor quality of pod and low yield	-	Demonstration of HYV of Pea var. Azad P 9	-	-	-	Seeds
07	Nursery raising	Cole crops	Poor knowledge of nursery raising	-	-	Scientific nursery raising of vegetable crops	-	-	Seeds

08	Production and Management Technology	Cucurbits	Poor knowledge of cultivation	-	-	Scientific cultivation of Cucurbits	-	-	Seeds
09	Waste management	Oyster mushroom	Poor knowledge of cultivation	-	-	Scientific cultivation of Oyster mushroom	-	-	Spawn & Polythene bag
10	Feeding Management	Pig	Poor growth rate of piglets	AAUVETMIN supplementation in growing pig					AAUVETMIN
11	Healthcare	Goat	Poor growth rate of Kids		Effect of Deworming on body weight gain of growing kid	Effect of Deworming on body weight gain of growing kid			Anthelmintic
12	Fodder production and quality improvement	Cow/Goat	scarcity of green fodder	1. Evaluation of Fodder Maize var J 1006. 2. Evaluation of high yielding legume fodder crop Rice bean var Bidhan -2	Demonstration of High yielding green fodder sorghum var CSH 24MF	Round the year green fodder production			Seed of the green fodder crop
13	Dairying	Cow	Low profitability of dairy farming		Milk processing (Paneer) and profitability of Milk Production	Milk production and its processing			Milk

14	Feeding Management	Cow	Low milk yield	Postpartum herbal feed supplement (Asparagus racemosus) supplementation in cow	Feeding balance ration in Lactating cow				Asparagus racemosus root powder
15	Breed Introduction	Pig	Poor growth rate and reproductive performances	Introduction of Large white yorkshire cross-bred pig		Integrated farming system			Piglets
16	Breed Introduction	Duck	Poor performance of local bird		Introduction of Khaki Campbell duck	Scientific duck farming		Field visit	Duckling
17	Breed Introduction	Poultry	Poor performance of local bird	Introduction of Kalinga Brown	Introduction of Vanaraja bird	Backyard poultry farming		Vaccination against ranikhet disease	Chick
18	Feeding Management	Pig	Poor growth rate and high mortality of piglets due to low quality feeding to mother	AAUVETMIN supplementation in growing pig	Balance feeding Trial 1 month prior to farrowing in pregnant sow and continue upto weaning	Health management of domestic animals			AAU vetmin
19	Feeding Management	Dairy cattle	Not proper utilization of roughages/paddy straw leads to low milk yield		Urea treatment to paddy straw	Feeding management to dairy cattle		Field day	Urea, polythene bag

20	IFS module	Fish	Lack of Scientific knowledge	Magur cultivation	i. Duck cum fish culture ii. Cattle cum fish culture iii. Integrated rice fish farming	Integrated fish farming	Integrated rice-fish farming	Field day	Fish seed, Lime, Feed
21	Feeding management	Fish	Lack of Scientific knowledge	-	Pig cum Fish culture	Composite fish culture	-	Field day	Fish seed, Piglet, Pig feed
22	Pond management	Fish	Lack of Scientific knowledge	-	Post monsoon culture of crops	Fish farm management	-	-	Fish seed, Lime
23	Fish Breeding	Fish	Lack of Scientific knowledge	-	-	Carp fry & fingerling rearing	-	-	-
24	Disease management	Fish	Lack of Scientific knowledge	-	-	Disease of fishes & their control	-	-	-
25	drudgery reduction	Maize	Drudgery		Maize sheller	Small tool and implement in agriculture			maize sheller

3.1 Achievements on technologies assessed and refined during 2017-18

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	-	-	-	-	2	2	-	-	-	4
Seed / Plant production										
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	-	-	-	-	02	02	-	-	-	04

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

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)
01	Improve production technology of Tomato var. Manikhamenashinba-11	Low yield and small size	Varietal evaluation	Tomato var. Manikhamenashinba-11	8	Av. yield- 133 q/ha	Farmer satisfied	Yet to be sent	3.3:1
02	Improve production technology of Chilli Var. Pusa Jwala	Low yield and Small size	Varietal evaluation	Chilli Var. Pusa Jwala	8	Crop in the field			Continuing
03	High density planting of Litchi. var. Muzaffarpur	Poor quality of fruit and low yield	Varietal evaluation	Litchi. var. Muzaffarpur, Monocropping	8	Crop in the field			Continuing
04	High density planting of Lime. var. Kagzilime	Poor quality of fruit and low yield	Varietal evaluation	Lime. var. Kagzilime, Monocropping	8	Crop in the field			Continuing
05	AAUVETMIN supplementation in growing pig	Poor body weight gain in piglets	Feeding management	Pig	8	body weight (25vs.18 kg) increase by 38.89 percent	Satisfactory	Yet to be send	1.81 vs 1.39
06	Postpartum herbal feed supplement (Asparagus racemosus) supplementation in cow	Low milk yield	Feeding management	Cattle	07	Milk yield increase by 37.68% (4.74vs 3.45lit/day/cow)	Satisfactory	Yet to be send	1.89 vs 1.73
07	Evaluation of Fodder Maize var J 1006	scarcity of green fodder	Varietal evaluation	Fodder Maize var J 1006	08	Crop in the field			Continuing

08	Evaluation of high yielding legume fodder crop Rice bean var Bidhan -2	scarcity of green fodder	Varietal evaluation	Fodder Rice bean var Bidhan 2	15	Crop in the field			Continuing
09	AAUVETMIN supplementation in growing pig	Poor body weight gain in piglets	Feeding management	Pig	05				Continuing
10	Introduction of Kalinga brown	Low performance including poor growth rate, Egg laying capacity, FCR of local bird	Breed introduction	Kalinga Brown bird	10				Continuing
11	Introduction of Large white yorkshire cross-bred pig	Poor growth rate and reproductive performance of local variety	Breed introduction	Large white yorkshire cross-bred pig	8				Continuing
12	Magur cultivation	Introduction of new variety	Magur cultivation	Magur clavious batrachus	02	Total production 60 kg/0.003 ha	Farmer satisfied	Yet to be sent	1.8:1

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

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

3.2 Achievements of Frontline Demonstrations during 2017-18

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

List of technologies demonstrated during previous year and popularized during 2017-18 and recommended for large scale adoption in the district

Sl. No	Crop/ Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area in ha

*** 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. **horticultural crops and commercial crops.**)

Sl. No.	Crop	Thematic area	Technology Demonstrated	Season and year	Area (ha)		No. of farmers/ demonstration			Reasons for shortfall in achievement	Farming situation (Rainfed / Irrigated, Soil type, altitude, etc)	Status of soil (Kg/ha)		
					Proposed	Actual	SC/ST	Others	Total			N	P	K
01.	Broccoli	Varietal evaluation	Demonstration of HYV of Broccoli var. Fiesta	Rabi, 2017-18	1 ha	1 ha	4	4	8	-	Rainfed	-	-	-
02.	Pea	Varietal evaluation	Demonstration of HYV of Pea var. Azad P 9	Rabi, 2017-18	1 ha	1 ha	5	17	22	-	Rainfed	-	-	-

c. Performance of FLD on Crops

Sl. No.	Crop	Thematic area	Area (ha.)	Avg. yield (Q/ha.)		% increase in Avg. yield	Additional data on demo. yield (Q/ha.)		Data on parameters other than yield, e.g., disease incidence, pest incidence etc.	Econ. of demo. (Rs./ha.)				Econ. of check (Rs./Ha.)				
				Demo.	Check		H*	L*		GC**	GR**	NR**	BCR**	GC	GR	NR	BCR	
1	Broccoli	Varietal evaluation	1 ha	25q/ha	-	-	30 q/ha	22.5 q/ha	-	-	43000	62500	19500	1.4	-	-	-	-
2	Pea	Varietal evaluation	1 ha	57.5 q/ha	35 q/ha	71.42 q/ha	60.0 q/ha	52.5 q/ha	-	-	47100	86250	39150	1.8	37500	52500	15400	1.4:1

*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 organised	Date	Number of participants			Remarks
				Gen	SC/ST	Total	
1	Field days						
2	Farmers Training						
3	Media coverage						
4	Training for extension functionaries						
5	Any other (Pl. specify)						
	Total						

e. Details of FLD on Enterprises**(i) Farm Implements**

Name of the implement	Crop	No. of farmers	Area (ha)	Performance parameters / indicators	* Data on parameter in relation to technology demonstrated		% change in the parameter	Remarks
					Demon.	Local check		
Maize Sheller	Maize							

* Field efficiency, labour saving etc.

(ii) Livestock Enterprises

Sl. No.	Enterprise / Category (e.g., Dairy, Poultry etc.)	Thematic area	Name of Technology	No. of farmers	No. of units	No. of animals, poultry birds etc.	Major Performance parameters / indicators		% change in the parameter	Other parameters (if any)		Econ. of demo. (Rs./Ha.)				Econ. of check (Rs./Ha.)				Remarks
							Demo	Check		Demo	Check	GC**	GR**	NR**	BCR**	GC	GR	NR	BCR	
01	Dairy	Dairying	Milk processing (Panee r) and profitability of Milk Production	10	10	-	Return Rs. 350	200	68.75	-	-	212.5	350	137.50	1.64	200	200	-	1.0	
02			Effect of	59		100	Body weight (kg):	12.64	21.78			1737.5	3078	1340.5	1.77	1700	2528	828.00	1.49	

			Deworming on body weight gain of growing kid				15.39													
03			Demonstration of High yielding green fodder sorghum var CSH 24MF	14	2 ha		Green fodder yield: 421.25 q/ha	221.25 q/ha	90.39	Plant height (45DAS): 2.11 cm	2.06 cm	10550	31593.75	21043.75	2.99	11200	16594	5393.8	1.48	
04	Cow	feeding Management	Feeding balance ration in Lactating cow	03	03	03	Milk yield: 3.43 Lit/day/cow	2.16/d ay/cow	58.79			103.79	137.2	33.41	1.32	67.88	86.4	18.52	1.27:1	
05	Poultry	Breed introduction	Introduction of Vanaraja bird	8	8	400	Growth rate and egg laying capacity	Low body wt gain and egg laying				8000	28500	20500	3.5:1	3500	8000	4500	2.3 :1	Poultry
06	Duck	Breed introduction	Introduction of Khaki campbell duck	10	10	500	Growth rate and egg laying capacity	Low body wt gain and egg laying				7000	25650	18650	3.7:1	4000	10500	5500	2.6:1	Duck
07	Pig	Feeding	Balance	6	6	6	Better growth	Low body	65.13			7000	25000	18000	3.5:1	5000	14000	9000	2.8:1	Pig

		manag ement	feedin g Trial 1 month prior to farrowi ng in pregn ant sow and contin ue upto weani ng				rate and low mortali ty of piglets	wt gain and increa se motatil y												
08	Dairy cattle	Feedin g manag ement	Urea treatm ent to paddy straw	10	10	11	Increa se milk produc tion	Poor milk yield				1500	5250	3750	3.5:1	1400	4500	310 0	3.1:1	

**** 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.

(iii) Fisheries

Sl. No.	Categor y, e.g. Common carp, orname ntal fish etc.	Themati c area	Name of Techn ology	No. of farme rs	No. of units	No. of fish/ fingerling s	Major Performance parameters / indicators		% change in the param eter	Other parameters (if any)		Econ. of demo. (Rs./Ha.)				Econ. of check (Rs./Ha.)				Remarks	
							Demo	Check		Demo	Check	GC**	GR**	NR* *	BC R**	GC	GR	N R	BCR		
1.	Indian major carp	Feedin g manag ement	Pig cum fish culture	10	10	49 th & 20 no. of Piglets	i. Duration - 7-8/7-8	-	-	-	-	13,000	36,000	23,0 00							

							iii. Avg. wt- 230 gm/160 gm iv. Temp-11- 39 ^o c/11-39 ^o c v. pH-6.5- 7.4/6.3-6.8 vi. Total production- 263kg/0.1 hac/145kg/0. 1hac												
2	Indian Major carp	Water sheed manag ement	Post monso on culture of carps	10	10	40th & 50 kg lime	i.Duration-5- 6 m ii. Stocking- 18,000 iii. Av. wt. 175 gm iv. Temp-28- 39 ^o c v. pH-6.7-7.8 vi. Total production- 175 kg/0.1hac	Nil	-	-	-	7,5000	14,500	7,00 0					
3	Indian major carp	IFS modul e	Cattle cum fish farmin g	10	10	42 th	i. Duration- 8m/10-11m ii. Stocking- 18,000/22,00 0 iii.Av. wt- 240gm/210g	-	-	-	-	14,000	43,000	29,0 00					

							335 gm												
							iv. Temp-22-40 ^o c												
							v. pH-6.6-7.9												
							vi. Total Production												

**** 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.

(iv) Other enterprises

Sl. No.	Category/ Enterprise, e.g., mushroom, vermicompost, apiculture etc.	The matic area	Name of Technology	No. of farmers	No. of units	Major Performance parameters / indicators		% change in the parameter	Other parameters (if any)		Econ. of demo. (Rs./Ha.)				Econ. of check (Rs./Ha.)				Remarks	
						Demo	Check		Demo	Check	GC*	GR*	NR*	BCR*	GC	GR	NR	BCR		

**** 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

Sl. No.	Name of implement	Crop	Name of Technology demonstrated	No. of farmers	Area (In ha.)	Field observation (Output/ man-hours)		% change in the parameter	Labour reduction (Man days)	Cost reduction (Rs. per ha. or Rs. per unit etc.)	Remarks
						Demo	Check				
1	Maize sheller	maize	Demonstration of maize sheller	05	-	Labour require for shelling of 1 qt maize: 1.5 manday	2.0	25	0.5	150	-

f. Performance of FLD on Crop Hybrids

Sl. No.	Crop	Name of hybrids	Area (ha.)	No. of farmers	Avg. yield (Q/ha.)		% increase in Avg. yield	Additional data on demo. yield (Q/ha.)		Econ. of demo. (Rs./Ha.)				Econ. of check (Rs./Ha.)					
					Demo.	Check		H*	L*	GC**	GR**	NR**	BCR**	GC	GR	NR	BCR		

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

** 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.

II. Horticulture																						
a) Vegetable Crops																						
Production of low volume and high value crops	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Off-season vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery raising	1	-	1	-	-	-	-	-	-	15	-	16	-	31	-	15	-	16	-	31	-	31
Exotic vegetables like Broccoli	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vermiculture	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mushroom Production	1	-	1	-	-	-	-	-	-	1	-	25	-	26	-	1	-	25	-	26	-	26
Export potential vegetables	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and Management technology	1	-	1	4	-	25	-	29	-	-	-	-	-	-	-	4	-	25	-	29	-	29
Grading and standardization	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Protective cultivation (Green Houses, Shade Net etc.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b) Fruits																						

addition																							
III Soil Health and Fertility Management																							
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 Production and Management																							
Dairy Management	03	-	03	0	-	0	-	0	-	62	-	36	-	98	-	62	-	36	-	98	-	98	
Poultry Management	-	1	1	-	1	-	0	-	1	-	0	-	4	-	5	-	1	-	4	-	5	5	
Piggery Management	2	-	02	13	-	3	-	16	-	44	-	28	-	72	-	57	-	31	-	88	-	88	
Rabbit Management	3	2	5	33	0	18	0	51	0	14	64	9	13	23	77	47	64	27	13	74	77	151	
Disease Management	2	-	02	0	-	0	-	0	-	62	-	36	-	98	-	62	-	36	-	98	-	98	

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																							

--

building for ICT application																						
Care and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Management in farm animals	02	-	02	08	-	02	-	10	-	08	-	04	-	12	-	16	-	06	-	22	-	22
Livestock feed and fodder production	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fish Production & Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Household food security	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Women and Child care	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Low cost and nutrient efficient diet designing	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production and use of organic inputs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Gender mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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 training	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 participants			SC/ST			Grand Total			
							M	F	T	M	F	T	M	F	T	

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

Discipline	Area of training	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 participants			SC/ST			Grand Total		
							M	F	T	M	F	T	M	F	T
Horticulture	Nursery raising	Scientific nursery raising of Vegetable crops	15/02/2018	01	Kaisu	PF/FW	-	-	-	15	16	31	15	16	31
Horticulture	Mushroom Production	Production Technology of Oyster Mushroom	17/02/2018	01	Kaisu	PF/FW	-	-	-	1	25	26	1	25	26
Horticulture	Production and Management technology	Scientific cultivation of Cucurbits	19/02/2018	01	Alubari	PF/FW	4	25	29	-	-	-	4	25	29
Animal science	Dairy management	Infertility in dairy animals	22.08.17	1	Alubari	Farmer & Farm women	20	5	25	5	0	5	25	5	30
Animal science	Dairy management	Infertility in dairy animals	24.08.17	1	Manmow Tissue	Farmer & Farm women	4	1	5	16	10	26	20	11	31
Animal	Health	Importance of Deworming and	14.12.17	1	Alubari	Farmer & Farm	18	9	27	-	-	-	18	9	27

science	management	vaccination of livestock in schedule time.				women									
Animal science	Health management	Importance of zoonotic disease	09.01.18	1	Gohain goan	Rural Youth	14	8	22				14	8	22
Animal science	Health management	Importance of Deworming and vaccination of livestock in schedule time	24.01.18	1	Kaisu	Farmer & Farm women	1	1	2	14	9	23	15	10	25
Animal science	Health management	Seasonal diseases of domestic animals and their mitigation.(ATMA)	16.5.17	1	Jona 1	Farmer & Farm women	-	-	-	50	9	59	50	9	59
Animal science	Health management	Seasonal diseases of domestic animals and their mitigation.(ATMA).	25.5.17	1	2 mile, Namsai	Farmer & Farm women	-	-	-	14	4	18	14	4	18
Animal science	Poultry/Duck management	Backyard poultry farming	22.11.17	1	Kaisu	Farmer & Farm women	-	-	-	13	17	30	13	17	30
Animal science	Poultry/Duck management	Scientific duck farming	15.12.17	1	Napotia	Farmer & Farm women				21	9	30	21	9	30
Animal science	Piggery management	Integrated Fish cum Pig farming in Namsai Dist. (RC- NEH region under TSP)	18.11.17 - 20.11.17	3	Kaisu	Farmer & Farm women	1	0	1	0	4	4	1	4	5
Animal	Integrated	Integrated Farming	05.12.17	1	Kaisu	Farmer & Farm				41	27	68	41	27	68

science	farming	System				women										
Animal science	Integrated farming	Integrated Farming System	19.12.17	1	Mahaloni	Farmer & Farm women	13	3	16	3	1	4	16	4	20	
Animal science	COW	MILK PRODUCTION, PROCESSING AND PROFITABILITY OF DAIRY FARMING	07.12.17	01	NEW MOHENG	Farmer & Farm women	10	14	24	4	4	8	14	18	32	
Animal science	GOAT	SCIENTIFIC MANAGEMENT OF GROWING KIDS AND GOAT	08/09.01.18	02	ALUBARI	RY	23	2	25			0	23	2	25	
Animal science	GOAT	SCIENTIFIC MAMANAGEMENT AND DEWORMING IN GROWING KID AND ADULTS	17-18.01.18	02	KHOWJI	Farmer & Farm women			0	19	7	26	19	7	26	
Animal science	DAIRYING	Milk processing (Paneer) and profitability of Milk Production	02.02.18	01	GUHAING AON	Farmer & Farm women	13	2	15	8	0	8	21	2	23	
Animal science	FODDER	ROUND THE YEAR FODDER PRODUCTION IN NAMSAI DIST	03.02.18	01	ZONA IV	Farmer & Farm women			0	21	4	25	21	4	25	
Animal science	COW	Scientific management of dairy animal(cow and Buffalo)	16.02.18	01	NEW JAIPUR	Farmer & Farm women			0	21	9	30	21	9	30	
Animal science	COW/GOAT	TOOL AND IMPLEMENTS FOR AGRICULTURE AND LIVESTOCK	09.02.18	01	ALUBARI	Farmer & Farm women	24	1	25			0	24	1	25	

		FARMING													
Fishery Science	IFS	Integrated fish farming	29-30.01.18	02	Napatia	PF	26	09	35	-	-	-	26	09	35
Fishery Science	IFS	Integrated fish farming	06-07.02.18	02	Kaisu	PF	-	-	-	21	08	29	21	08	29
Fishery Science	Crop and fingerling rearing	Carp and fingerling rearing	31.01.18 to 01.02.18	02	Napatia	PF	26	07	33	-	-	-	26	07	33
Fishery Science	Crop and fingerling rearing	Carp and fingerling rearing	09-10.02.18	02	Kaisu	PF	-	-	-	16	14	30	16	14	30
Fishery Science	Disease management	Disease of fishes and their control	02.02.18	01	Napatia	PF	10	21	31	-	-	-	10	21	31
Fishery Science	IFS	Integrated Quail farming	23-25.09.17	03	Napatia	PF	66	39	105	-	-	-	66	39	105
Fishery Science	IFS	Integrated Pig cum Fish farming	18-20.11.17	03	Kaisu	PF	31	16	47	-	-	-	31	16	47
Fishery Science	IFS	Integrated livestock fish cum Horticulture	03.04.17	01	Napatia	PF	60	51	111	-	-	-	60	51	111
Fishery Science	Composite fish culture	Composite fish culture	13-14.11.17	02	Manpailong	PF	-	-	-	27	08	35	27	08	35
Fishery Science	Composite fish culture	Composite fish culture	05-06.02.18	02	Kaisu	PF	-	-	-	13	19	32	13	19	32
Fishery Science	IFS	Integrated fish farming	22-13.11.17	02	Kaisu	PF	-	-	-	16	16	32	16	16	32
Agri. Engg.	Small tool and Implement	Tools and Implement in Agriculture	09.02.18	01	Alubari	PF	-	-	-	25	05	30	25	05	30
Total	-	-	-	-	-	-	364	214	578	384	225	609	748	439	1187

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 2017-18

Sl. No.	Extension Activity	Topic	Date and duration	No. of activities	Participants											
					General (1)			SC/ST (2)			Extension Officials (3)			Grand Total (1+2)		
					M	F	T	M	F	T	M	F	T	M	F	T
1.	Advisory services															
2.	Diagnostic visit	Horticulture/Animal Science/Fishery Science	-	92	18	05	23	35	34	69	-	-	-	53	39	92
3.	Field day	Urea treatment of paddy straw	10.01.18	01	07	01	08	02	0	02	01	0	01	10	01	11
4.	Group Discussion	Farmer Scientist interaction	17-18.09.17	02	-	-	-	62	32	94	-	-	-	62	32	94
5.	Kishan Gosthi															
	Kishan Mela	Sankalp Se Sidhi	-	02	-	-	-	-	-	-	-	-	-	-	-	278
6.	Film show	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7.	SHG formation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8.	Exhibition	-	-	02	-	-	-	-	-	-	-	-	-	-	-	Mass
	Farmers visit to KVK	-	-	149	31	07	38	60	51	111	-	-	-	91	58	149
9.	Scientists visit to farmers fields	Horticulture/Animal Science/Fishery Science	-	92	18	05	23	35	34	69	-	-	-	53	39	92
10.	Plant/ Animal Health camp	Awareness cum Animal Health camp	08.09.17 09.09.17	02	25	06	31	30	10	40	04	0	04	55	16	75
11.	Farm science club	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.	Ex-trainee Sammelan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.	Farmers seminar/ workshop	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14.	Method demonstration	-	-	03	-	-	-	-	-	-	-	-	-	-	-	95
15.	Celebration of important days	Independence day Republic day World Soil Health day	15.08.17 26.17.18 05.12.17	03	-	-	-	-	-	-	-	-	-	-	-	Mass
16.	Exposure visits	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17.	Electronic media (CD/DVD)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18.	Extension literature	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19.	Newspaper coverage	-	-	19	-	-	-	-	-	-	-	-	-	-	-	Mass
20.	Popular articles	--	-	01	-	-	-	-	-	-	-	-	-	-	-	Mass
21.	Radio talk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22.	TV talk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23.	Training manual	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24.	Soil health camp	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25.	Awareness camp	-	-	03	25	06	31	30	10	40	04	0	04	55	16	75

26.	Lecture delivered as resource person	-	-	17	27	08	35	355	205	560	-	-	-	382	213	595
27.	PRA	01	-	-	-	-	-	-	-	-	-	-	-	-	-	35
28.	Farmer-Scientist interaction	-	-	02	62	32	94	-	-	-	-	-	-	62	32	94
29.	Soil test campaign	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30.	Mahila Mandal Convener meet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31.	Any other (Please specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Grand Total																

3.5 Production and supply of Technological products during 2017-18

A. SEED MATERIALS

Major group/class	Crop	Variety	Quantity (qt)	Value (Rs.)	Number of recipient/ beneficiaries		
					General	SC/ST	Total
CEREALS	Maize	Probal	19.1	8900	05	-	05
OILSEEDS	Sesamum	Madhavi	02	5000	01	-	01
	Rapeseed	TS-38	03	6000	01	-	01
PULSES	Blackgram	Kala (T-9)	03	9000	01	-	01
VEGETABLES	Pumpkin	Annapurna	25	5000	05	-	05
	Cabbage	Green Soccer	3.5	1400	01	-	01
FRUIT CROPS							
Spices	Ginger	Local	15.04	15040	01	01	02
Others							
OTHERS (Specify)							

A1. SUMMARY of Production and supply of Seed Materials during 2017-18

Sl. No.	Major group/class	Quantity (ton.)	Value (Rs.)	Number of recipient/ beneficiaries		
				General	SC/ST	Total
1	CEREALS	1.91	8900	05	-	05
2	OILSEEDS	0.50	11000	02	-	02
3	PULSES	0.30	9000	01	-	01
4	VEGETABLES	2.85	6400	06	-	06
5	FRUIT CROPS	-	-	-	-	-
6	SPICES	1.504	15040	01	01	02
7	OTHERS (MUSHROOM)	-	-	-	-	-
TOTAL		7.064	50340	15	01	16

2								
BIO PESTICIDES								
1								
2								

C1. SUMMARY of production of bio-products during 2017-18

Sl. No.	Product Name	Species	Quantity		Value (Rs.)	Number of Recipient beneficiaries		Total number of Recipient beneficiaries
			Nos	(kg)		General	SC/ST	
1	BIOAGENTS							
2	BIO FERTILIZERS							
3	BIO PESTICIDE							
	TOTAL							

D. Production of livestock during 2017-18

Sl. No.	Type of livestock	Breed	Quantity		Value (Rs.)	Number of Recipient beneficiaries		
			(Nos)	Kgs		General	SC/ST	Total
	Cattle/ Dairy							
	Goat							
	Piggery							
	Poultry (Quail)							
	Vanaraja							
	Fisheries (Fingerlings)	-	20,000	-	20,000	01	02	03
	Others (Specify) (Quail eggs)							

D1. SUMMARY of production of livestock during 2017-18

Sl. No.	Livestock category	Breed	Quantity		Value (Rs.)	Number of Recipient beneficiaries		Total number of Recipient beneficiaries
			Nos	(kg)		General	SC/ST	
1	CATTLE							
2	SHEEP & GOAT							

3	POULTRY							
4.	PIGGERY							
5	FISHERIES	Fingerlings	20,000	-	20,000	01	02	03
6	OTHERS (Quail eggs)							
	TOTAL	-	20,000	-	20,000	01	02	03

3.6. Literature Developed/Published (with full title, author & reference) during 2017-18

(A) KVK News Letter ((Date of start, Periodicity, number of copies distributed etc.): _____)

(B) Articles/ Literature developed/published

Item	Title /and Name of Journal	Authors name	Number of copies
Research papers	1.Influence of Calf weaning at birth on reproductive performance of Murrah Buffaloes Int. J. Curr. Microbiol. App. Sci 6(11): 4238-4241. 2. Performance of Murrah Buffalo and their Calves under Weaning and Suckling System Int. J. Curr. Microbiol. App. Sci 6(7): 2452-2459	Dr. Santosh Kumar	
Training manuals			
Technical Report			
Book/ Book Chapter			
Popular articles	Jok ka Pashupalak par prabhar kheti (ICAR)	Dr. Santosh Kumar	
Technical bulletins			
Extension bulletins			
Newsletter	02	Dr. Debasis Sasmal	
Conference/ workshop proceedings			
Leaflets/folders			
e-publications	KVK e-portal	Dr. Debasis Sasmal, Dr. Binod Kumar Dutta Borah, Ph. Chandramani and Santosh Kumar	106
Any other (Pl. specify)			
TOTAL	11		

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
-	-	-	-

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

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
- ii. No. of farm families selected
- iii. No. of survey/PRA conducted

3.12. Activities of Soil and Water Testing

- Status of establishment of Lab :
1. Year of establishment :
 2. List of equipments purchased with amount :

Sl. No	Name of the Equipment			Qty.	Cost
	S&WT lab	Mini lab/ Mridaparikshak	Manufacturer		
1					
2					
3					
Total					

3. Details of samples analyzed (2017-18):

Details	No. of Samples analysed	No. of Farmers	No. of Villages	Amount (In Rupees) realized
Soil Samples	200	200	05	-
Water Samples	20	20	05	
Plant Samples				
Petiole Samples				
Total	220	220	10	

1. Details of Soil Health Cards (SHCs) (2017-18)

- a. No. of SHCs prepared: 200
- b. No. of farmers to whom SHCs were distributed: 200
- c. Name of the Major and Minor nutrients analysed: NPK
- d. No. of villages covered: 05
- 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 type	Crop		Livestock		Weather		Marketing		Awareness		Other Ent.		Total	
	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary	No. of Message	No. of Beneficiary
Text only	10	4090	23	4692	-	-	-	-	-	-	07	854	40	9639
Voice only	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Voice and Text both	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	10	4090	23	4692	-	-	-	-	-	-	07	854	40	9639

3.14 Contingency planning for 2017-18

a. Crop based Contingency planning

Contingency (Drought/ Flood/ Cyclone/ Any other please specify)	Proposed Measure	Proposed Area (In ha.) to be covered	Number of beneficiaries proposed to be covered		
			General	SC/ST	Total
	Introduction of new variety or crop				
	Introduction of Resource Conservation Technologies				
	Distribution of seeds and planting materials				
	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 beneficiaries proposed to be covered		
					General	SC/ST	Total

4.0. 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.)	
			Before (Rs./Unit)	After (Rs./Unit)

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

4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

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
1.ICAR RC NEHR Barapani Meghalaya	Training, demonstration collaboration
2. ATMA, NAMSAI DISTRICT	Training, demonstration collaboration
3. ICAR - NRC on Banana	Training, demonstration collaboration
4. MPLAD	Awareness health camp

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 2017-18

Name of the scheme	Activity	Date/ Month of initiation	Funding agency	Amount (Rs.)
Quail Farming in Namsai District	Demonstration and training of Quail Farming	September/October	ICAR RC NEHR Barapani Meghalaya	289500

6.2 Performance of instructional farm (Crops) including seed production

Name of the crop	Date of sowing	Date of harvest	Area (ha)	Details of production			Amount (Rs.)		Remarks
				Variety	Type of Produce	Qty.	Cost of inputs	Gross income	
Cereals									
Rice	-	-	-	-	-	-	-	-	-
Wheat	-	-	-	-	-	-	-	-	-
Maize	01.04.17	25.06.17	0.26	Probal	Seed	1.91 t	4300	8900	-
Any other	-	-	-	-	-	-	-	-	-
Pulses									
Green gram									
Black gram	15.04.17	02.07.17	0.5	Kala (T-9)	Seed	0.3 t	2800	9000	-
Arhar	-	-	-	-	-	-	-	-	-
Lentil	-	-	-	-	-	-	-	-	-
Ay other	-	-	-	-	-	-	-	-	-
Oilseeds									
Mustard	10.10.17	07.01.18	01	TS-38	Seed	0.3 t	4400	6000	-
Soy bean									
Groundnut									
Any other (Sesamum)	10.05.17	12.09.17	0.65	Madhavi	Seed	0.2 t	3500	5000	-
Fibers									
i.									
ii.									
Spices & Plantation crops									
i. Ginger	07.04.17	10.02.18	0.13	Local	Seed	1.504 t	7500	15040	-
ii.									
Floriculture									
i.									
ii.									
Fruits									
i. Ber	-	-	-	-	-	-	-	-	-
ii. Pineapple	-	-	-	-	-	-	-	-	-
Vegetables									
i. Okra	-	-	-	-	-	-	-	-	-
ii. Pea	-	-	-	-	-	-	-	-	-
iii. Pumpkin	05.04.17	18.06.17	0.13	Annapurna	Veg.	2.5 t	1200	5000	-

iv. Ashgourd									
v. Carrot									-
vi. Cabbage	05.10.17	02.12.17	0.13	Green Soccer	Veg.	0.35 t	1000	1400	-
vii. Potato									-
a. Others (specify)									
i. Mushroom	-	-	-	Oyster	-	0.19 qt.	2850.00	3800.00	-

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

Sl. No.	Name of the Product	Qty	Amount (Rs.)		Remarks
			Cost of inputs	Gross income	

6.4 Performance of instructional farm (livestock and fisheries production)

Sl. No	Name of the animal / bird / aquatics	Details of production			Amount (Rs.)		Remarks
		Breed/ species	Type of Produce	Qty.	Cost of inputs	Gross income	
01	Fish	-	Fingerlings	20,000	3500	20,000	-
02							
03							

6.5 Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

Date	Title of the training course	Client (PF/Ry/EF)	No. of Courses	No. of Participants including SC/ST			No. of SC/ST Participants		
				Male	Female	Total	Male	Female	Total

6.6. Utilization of hostel facilities (Month-Wise) during 2017-18

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)
Total					
Grand total					

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	Basar	11877802541
With KVK	State Bank of India	Chowkham	31767776876
Revolving Fund	State Bank of India	Chowkham	34658217049

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

Item	Released by ICAR/ZPD		Expenditure		Unspent balance as on 31 st March, 2018
	Year	Year	Year	Year	
Inputs					
Extension activities					
TA/DA/POL etc.					
TOTAL					

7.3 Utilization of KVK funds during the year 2017 -18

S. No.	Particulars	Sanctioned (in Lakh)	Released (in Lakh)	Expenditure (in Lakh)
A. Recurring Contingencies				
1	Pay & Allowances	105.30	105.30	108.32,468
2	Traveling allowances	2.50	2.50	0.59757
3	HRD			
4	Contingencies	12.50	12.50	2.50
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines)			
B	POL, repair of vehicles, tractor and equipments			
C	Meals/refreshment for trainees			
D	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)			
E	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			
H	Maintenance of buildings			
I	Establishment of Soil, Plant & Water Testing Laboratory			
J	Library			

TOTAL (A)		120.30	120.30	121.422225
B. Non-Recurring Contingencies				
1	Works			
2	Equipments/Farm implements/Furniture			
	i. GPS Kit			
	ii. Digital Camera			
	iii. LCD Projector			
	iv. Furniture book case for Library			
3	Vehicle (Four wheeler/Two wheeler, please specify)			
4	Library (Purchase of assets like books & journals)			0.4957444
TOTAL (B)		120.30	120.30	121.9179944
C. REVOLVING FUND				
GRAND TOTAL (A+B+C)				

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 2015 to March 2016	75,957	195320	180660	90,617
April 2016 to March 2017	90,617	128529	82,890	136,256
April 2017 to March 2018	136,256	91,619	49,574,44	1,78,300.56

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). Difficulties in communication with Head office due to long distance.
- ii). No electricity facility available in construction site.
- iii). Only one vehicle available and that is out of order
- iv). Office assistant not yet appointed created problem in financial/office management.

(b) Financial

- i). Difficulties even in payment of medical bill/arrear/educational allowances/LTC etc.

(c) Technical

- i) Very less information available on technology developed for Namsai Dist./Arunachal Pradesh.
- ii) Damage caused by wild animals(monkey and elephant) at KVK farm.

(Signature)

Sr. Scientist and 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.