

ANNUAL REPORT OF KVK LOHIT IN NAMSAI DISTRICT, 2016-17

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 Lohit, 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	icarneh@gmail.com

1.3. Name of the Programme Coordinator 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, 2017)

Sl. No.	Sanctioned post	Name of the incumbent	Designation	Discipline	Pay Scale (Rs.)	Present basic (Rs.)	Date of joining	Permanant /Temporary	Category (SC/ST/OBC/Others)
1	Programme Coordinator	Dr. Debasis Sasmal (i/c)	ACTO(Fishery Science)	Fishery Science	15,600-39,100	23,640/-	12.10.2007	Permanent	General
2	Subject Matter Specialist	Dr. Debasis Sasmal (i/c)	ACTO (Fishery Science)	Fishery Science	15,600-39,100	23,640/-	12.10.2007	Permanent	General
3	Subject Matter Specialist	Dr. Binod K. Dutta Borah	ACTO (Animal Science- Production)	Vety. Gynecology & Obstractics	15,600-39,100	29540/- (GP+NPA)	12.10.2007	Permanent	General
4	Subject Matter Specialist	Dr. Santosh Kumar	SMS (Animal Science)	Livestock Production & Managemen t	15,600-39,100	21000/-	05.07.2013	Permanent	OBC
5	Subject Matter Specialist	Vacant	SMS (Agronomy)	Agronomy	15,600-39,100	-	-	-	General
6	Subject Matter Specialist	Mrs. Madhumita Sonowal Bora	ACTO (Plant Protection)	Plant Protection	15,600-39,100	23,640/-	08.11.2007	Permanent	ST
7	Subject Matter Specialist	Mr. Ph. Chandramani Singh	ACTO (Horticulture)	Horticulture	15,600-39,100	23,640/-	06.01.2011	Permanent	SC
8	Programme Assistant	Chow Inchen Namchoom	Programme Assistant, T-5	Engineering	13,500	15210/-	24.10.2007	Permanent	ST
9	Computer Programmer	Md. Ziaur Rahman	Programme Assistant (Computer), T-5	M.Sc. (IT), (Computer)	9,300-34,800	15210/-	29.10.2007	Permanent	General

10	Farm Manager	Mr. Azizur Rahman	Farm Manager, T-5	P.B.G.	9,300-34,800	15210/-	30.11.2007	Permanent	OBC
11	Accountant / Superintendent	-	-	-	9,300-34,800	15210/-	-	-	-
12	Stenographer	Mr. Birobrata Purakayastha	Junior stenographer	B.A.	5,200-20,200	11170/-	29.10.2007	Permanent	General
13	Driver	Chow Rohit Khunchow	Driver cum mechanic	-	5,200-20,200	8720/-	25.10.2007	Permanent	ST
14	Driver	Vacant	Driver cum mechanic	-	5,200-20,200	-	-	-	-
15	Supporting staff	Chow Kulenda Khunchow	SSS Grade - I	-	4,440-7,440	6830/-	06.01.2007	Permanent	ST
16	Supporting staff	Chow Pinjawa Langkhun	SSS Grade - I	-	4,440-7,440	6830/-	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) :
b. Total cultivable land with KVK (in ha):
c. Total cultivated land (in ha):

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	1,25,000 KM	Out of Order
Tractor	AR11 5874	22.03.2010	4,95,433	202.4	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 2016-17

Sl. No.	Date	Name and Designation of Participants	Salient Recommendations	Action taken on last SAC recommendation
1.	-	-	-	-
2.				

* 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
3.	

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, 2016	3.67	24.33	14.56	78.70
May, 2016	12.75	27.06	20.05	84.45
June, 2016	3.76	32.28	25.03	80.36
July, 2016	7.25	31.24	26.32	80.45
August, 2016	18.83	29.54	24.95	91.48
Sept, 2016	5.47	29.16	26.05	81.26
Oct, 2016	0.23	28.88	23.33	67.80
Nov, 2016	0.35	24.98	19.56	68.63
Dec, 2016	0.032	24.37	11.78	77.58
Jan, 2017	0.3	24.53	9.83	73.12
Feb, 2017	0.34	25.44	9.3	74.13
March, 2017	-	-	-	-

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			

Farmers	09	09	274	270	-	-	-	-
Rural youth	02	01	60	29	-	-	-	-
Extn. Functionaries	01	01	20	23	-	-	-	-
Total	12	11	354	322	-	-	-	-
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	08	02	240	65	-	-	-	-
Rural youth	-	-	-	-	-	-	-	-
Extn. Functionaries	-	-	-	-	-	-	-	-
Total	08	02	240	65	-	-	-	-
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
Animal Science								
Farmers	20	22	600	634	Health camp 02	02	100	169
Rural youth	03	03	75	77	-	-	-	-
Extn. Functionaries	01	01	15	13	-	-	-	-
Total	24	26	690	724	02	02	100	169
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
Fishery Science								
Farmers	11	10	300	311	Field day 01	01	30	32

Rural youth	01	01	30	34	-	-	-	-
Extn. Functionaries	01	01	20	23	-	-	-	-
Total	13	12	350	368	01	01	30	32
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
Agri. Engg.								
Farmers	09	03	270	115	-	-	-	-
Rural youth	-	-	-	-	-	-	-	-
Extn. Functionaries	-	-	-	-	-	-	-	-
Total	09	02	270	115	-	-	-	-
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 2016-17

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	Brinjal	Bacterial wilt affected and low yield	Improve production Technology of Brinjal var. RCMB-10	-	-	-	-	Seed
04	Varietal evaluation	Watermelon	Small size and seeded	Improve production Technology of Watermelon var. Madhuri	-	-	-	-	Seeds

05	Varietal evaluation	Tomato	Bacterial wilt affected and low yield	-	Demonstration on high yielding variety of Tomato var. Manikhamena shinba-II	Scientific cultivation of Tomato	-	-	Seeds
06	Varietal evaluation	Pea	Poor quality of pod and low yield	-	Demonstration on high yielding variety of Pea var. Bonneville	-	-	-	Seeds
07	Varietal evaluation	Pea	Poor quality of pod and low yield	-	Demonstration on high yielding variety of Pea var. Azad P-4	-	-	-	Seeds
08	Commercial fruit production	Arecanut	Poor knowledge of cultivation	-	-	Scientific cultivation of Arecanut	-	-	-
09	Nursery raising	Cole crops	Poor knowledge of nursery raising	-	-	Scientific nursery raising of vegetable crops	-	-	Seeds
10	Exotic Vegetables	Broccoli	Poor knowledge of cultivation	-	-	Scientific cultivation of exotic vegetable crops	-	-	Seeds
11	PHT and Value addition	Ginger	Poor knowledge of value addition	-	-	Post harvest mgt. of Ginger and Potato	-	-	-
12	Export potential Vegetable	Cucurbits	Poor knowledge of cultivation	-	-	Scientific cultivation of Cucurbits	-	-	Seeds
13	Rejuvenation of Old orchard	Khasi mandarin	Poor performance of Old Orchard	-	-	-	Propagation technique of Horticulture crops	-	-
14	Off season Vegetables	Tomato	Poor knowledge of cultivation	-	-	Backyard vegetable cultivation	-	-	-
15	Vermiculture	vermicompost	Poor knowledge of vermiculture	-	-	Vermicompost production technology	-	-	-
16	IDM	Khasi mandarin	High rate of fruit dropping		Management of fruit dropping in Khasi mandarin	IDM in khasi mandarin			planofix and Bavistin

17	IPM	Khasi mandarin	High rate of pest infestation		Management of trunk borer in Khasi mandarin	IPM in rice			Neem, Chloropyriphos and monocrotophos
18	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 (4)	Integrated rice-fish farming	-	Fish seed, Lime, Feed
19	Feeding management	Fish	Lack of Scientific knowledge	-	Pig cum Fish culture	Composite fish culture (2)	-	Field day	Fish seed, Piglet, Pig feed
20	Pond management	Fish	Lack of Scientific knowledge	-	Post monsoon culture of crops	Fish farm management	-	-	Fish seed, Lime
21	Fish Breeding	Fish	Lack of Scientific knowledge	-	-	Carp fry & fingerling rearing	-	-	-
22	Disease management	Fish	Lack of Scientific knowledge	-	-	Disease of fishes & their control	-	-	-
23	Breed Introduction	Poultry	Poor performance of local bird	Introduction of Vanaraja bird	-	Backyard poultry farming	-	Vaccination against ranikhet disease	Chick
24	Breed improvement	Poultry	Poor performance due to low nutrient feeding system	Performance of Poultry bird under feeding of balance concentrate ration	-	-	-	-	Concentrate feed
25	Breed Introduction	Rabbit	To mitigate consumable meat deficiency/Popularized the technology	-	Introduction of broiler rabbit	Rabbit farming as source of income	-	-	Rabbit

26	Feeding Management	Pig	Poor growth rate and high mortality of piglets due to low quality feeding to mother	-	Balance feeding Trial 1 month prior to farrowing in pregnant sow and continue upto weaning	Health management of domestic animals	-	Field day	Concentrate feed
27	Feeding Management	Pig	Poor growth rate of piglets	AAUVETMIN supplementation in growing pig	-	-	-	-	AAUVETMIN
28	Feeding Management	Cow	Low milk yield	Area specific Mineral Mixture (AAUVETMIN) supplementation in Lactating cow	-	-	-	-	AAUVETMIN
29	Health care	Pig	Piglet anaemia	-	Control of piglet anaemia by Iron supplementation	Control and prevention of various disease of Domestic animals	-	-	Iron injection
30	Health care	Goat	-	-	Effect of Deworming on body weight gain of growing kid	-	-	-	-
31	Dairying	Cow	-	-	Milk processing (Paneer) and profitability of Milk Production	Milk production and its processing	-	-	Milk
32	Fodder production and quality improvement	Cow	Evaluation of Fodder Sorghum var COFS-29	Demonstration of High yielding green fodder sorghum var CSH 24MF	Round the year green fodder production	-	-	-	Seed of the green fodder crop
33	drudgery reduction	Maize	Drudgery	Maize sheller	-	Small tool and implement in agriculture	-	-	maize sheller

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 of Brinjal var. RCMB - 10	Bacterial wilt affected and poor quality	Varietal evaluation	Brinjal var. RCMB-10 Monocropping	8	Av. yield- 28 q/ha	Farmer satisfied	Yet to be sent	1.5:1
02	Improve production Technology of Watermelon var. Madhuri	Low yield and seeded	Varietal evaluation	Watermelon var. Madhuri, Monocropping	16	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	Introduction of Kamrupa bird	Low performance including poor growth rate, FCR of local bird	Breed introduction	Kamrupa bird	6	Body wt avg. 1650g, egg prod. Avg.70nos. (at 40 wks),	Satisfactory		4.8:1
06	Introduction of Vanaraja bird	Poor performance of local bird	Breed introduction	Vanaraja bird	6	Attained avg. 2.9kg at 16wks of age	Satisfactory		3.8:1
07	Performance of poultry bird under feeding of balance concentrate ration	Poor performance due to low nutrient feeding system	Feeding management	Concentrate feed	6	Attained avg. 2.5kg at 12wks of age	Satisfactory	Yet to be send	3.33:1

08	Postpartum herbal feed supplement (Asparagus racemosus) supplementation in cow	Low milk yield	Feeding Management	Cow	05	26.16% higher milk yield observed	Satisfactory	Yet to be send	2.06
09	Mineral & Antioxidant supplementation 60 days prepartum to 60 days postpartum in buffalo	Low milk yield	Feeding Management	Buffalo	11	37.61% higher milk yield observed	Satisfactory	Yet to be send	2.98
10	Area specific Mineral Mixture (AAUVETMIN) supplementation in Lactating cow	Low milk yield	Feeding Management	Cow	05	higher milk yield observed	-	-	Continuing
11	AAUVETMIN supplementation in growing pig	Pig	Feeding Management	Poor body weight gain	05	higher body weight gain observed	-	-	Continuing
12	Evaluation of Fodder Sorghum var COFS-29	Fodder Crop	Fodder production and quality improvement	Scarcity of green fodder	02	-	-	-	Continuing
13	Maize sheller	Maize	Drudgery reduction	Drudgery	10	15.5 kg/h	satisfactory	Yet to be send	-
14	Magur cultivation	Introduction of new variety	Magur cultivation	Magur clavus batrachus	02	Total production 60kg/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 2016-17

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

List of technologies demonstrated during previous year and popularized during 2016-17 and recommended for large scale adoption in the district

Sl. No	Crop/ Enterprise	Technology demonstrated	Horizontal spread of technology
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			No. of villages	No. of farmers	Area in ha
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*** 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.	Tomato	Varietal evaluation	Demonstration on HYV of Tomato var. Manikhamenas hinba-II	Rabi, 2016-17	1 ha	1 ha	6	6	12	-	Rainfed	-	-	-
02.	Pea	Varietal evaluation	Demonstration on HYV of Pea var. Bonneville	Rabi, 2016-17	1 ha	1 ha	8	4	12	-	Rainfed	-	-	-
03	Pea	Varietal evaluation	Demonstration on HYV of Pea var. Azad P-4	Rabi, 2016-17	1 ha	1 ha	8	4	12	-	Rainfed	-	-	-
04	Khasi mandarin	IPM	Management of trunk borer in khasi mandarin	Rabi, 2016-17	2 ha	2 ha	15		15		Rainfed	-	-	-
05	Khasi mandarin	IDM	Management of fruits dropping in Khasi mandarin	Rabi, 2016-17	2 ha	2 ha	15		15		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
							Demo	Local										
1	Tomato	Varietal evaluation	1 ha	120 q/ha	80 q/ha	50 q/ha	135 q/ha	112.5 q/ha	-	-	42800	120000	77200	2.8:1	40800	80000	39200	1.9:1
2	Pea	Varietal evaluation	1 ha	42.5 q/ha	30 q/ha	41.6 q/ha	52.5 q/ha	37.5 q/ha	-	-	43800	85000	41200	1.9:1	33800	45000	11200	1.3:1
3	Pea	Varietal evaluation	1 ha	40 q/ha	30 q/ha	33.3 q/ha	45 q/ha	37.5 q/ha	-	-	43800	80000	36200	1.8:1	33800	45000	11200	1.3:1
4	Khasi mandarin	IPM	2 ha	44043 Fruits/ha	15000	193.6	48198	37672	-	-	17180	66064	48884.5	3.85	9900	22500	12600	2.27
5	Khasi mandarin	IDM	2 ha	33722.7 Fruits/ha	15000	124.8	39888	22500	-	-	17890	50584	32694	2.83	7900	22500	14600	2.85

*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	01	22/9/16	30	-	30	-
3	Media coverage						
4	Training for extension functionaries						
5	Any other (Pl. specify)						
	Total	01		30	-	30	-

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		

* 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	Goat	Health Management	Effect of deworming on body weight gain in growing Kids	20	20	106	1. Av. Body weight-12.10 kg 2. Mortality-9.0 Nos.	Av. Body weight-11.07 kg 2. Mortality-25.0 Nos.	9.3 177.78			1287.5	1815.75	528.25	1.41:1.0	1215.00	1661.25	411.25	1.32:1.0	
02	Cow	Dairying	Milk Processing (Paneer) and profitability	11	11		Profit (Rs.)-152	-	76			215.4	360	152	1.73	200	200	-	-	
03	Cow	Fodder production & quality	Demonstration of High yielding	20	1 ha															Crop is in field

		improvement	green fodder sorghum var CSH 24MF																
04	Goat	Health Management	Effect of deworming on body weight gain in growing Kids	56	56	100													Continue
05	Rabbit	Breed introduction	Introduction of Broiler Rabbit	5	5	25	7kits born from single females (Avg. twice kindling)				1000	2800	1800	2:8					
06	Pig	Feeding management	Balance feeding Trial 1 month prior to farrowing in pregnant sow and	10	10	10	Better growth rate and low mortality of piglets	Low body wt gain and increase motatily	54			5000	25000	20000	5:1	3000	14000	11000	4.67:1

							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 management	Post monsoon 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	-	-	-	7,500	14,500	7,000	1:2.0	-	-	-	-	-	Satisfied
3	Indian major carp	IFS module	Cattle cum fish farming	10	10	42 th	i. Duration-8m/10-11m ii. Stocking-18,000/22,000 iii.Av. wt-240gm/210gm iv. Temp-11-39 ^o c v. pH-6.6-7.8/6.2-7.0 vi. Total production -220	-	-	-	-	14,000	43,000	29,000	1:3.0	13,000	21,000	8,000	1:1.6	-	

							kg/0.1hac/ 180 kg/0.1 hac													
4	Indian major carp	IFS mod ule	Duck cum Fish farmi ng	10	10	40 th	i. Duration- 11m/11m ii. Stocking- 18,000/20,0 0 iii. Av. wt- 420gm/27 0gm iv. Temp- 11- 39 ^o c/11- 39 ^o c v. pH-6.7- 8.0/6.2-7.1 vi. Total production -340 kg/190 kg	-	-	-	-	14,000	43,000	29, 00 0	1:3 .0	13, 000	21, 000	8,0 00	1:1.6	
5	Indian major carp	IFS mod ule	Padd y cum fish cultur e	10	10	63 th	i. Duration- 5-6m ii. Stocking- 12,000 fry iii. Avg. wt-335 gm iv. Temp- 22-40 ^o c v. pH-6.6- 7.9 vi. Total Production	-	-	-	-	9,000	36,000	27, 00 0	1:3 .9	-	-	-	-	-

**** 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.

fingerlings																						
Production of Bee-colonies and wax sheets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Small tools and implements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of livestock feed and fodder	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of Fish feed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
X Capacity Building and Group Dynamics																						
Leadership development	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Group dynamics	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Formation and Management of SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mobilization of social capital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Entrepreneurial development of farmers/youths	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WTO and IPR issues	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
XI Agro-forestry																						
Production technologies	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nursery management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Integrated Farming Systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	1	-	1	-	-	-	-	-	-	-	-	30	-	30	-	-	-	30	-	30	-	30

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	1	-	1	8	-	7	-	15	-	12	-	3	-	15	-	20	-	10	-	30	-	30
Poultry Management	2	2	4	35	15	20	6	55	21	3	24	8	48	11	72	38	39	28	54	66	93	159
Piggery Management	-	2	2	-	36	-	5	-	41	-	5	-	29	-	34	-	41	-	34	-	75	75
Rabbit Management	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Disease Management	5	-	5	18	-	25	-	43	-	52	-	61	-	113	-	70	-	86	-	156	-	156
Feed management	3	-	3	15	-	30	-	45	-	33	-	15	-	48	-	48	-	45	-	93	-	93
Production of quality animal products	3	-	3	11	-	9	-	20	-	37	-	34	-	71	-	48	-	43	-	91	-	91
V Home Science/Women empowerment																						

drudgery reduction technologies																							
Rural Crafts	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Women and child care	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VI Agril. Engineering																							
Installation and maintenance of micro irrigation systems	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Use of Plastics in farming practices	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Production of small tools and implements	1	-	1	-	-	-	-	-	-	22	-	8	-	-	-	22	-	8	-	30	-	30	
Repair and maintenance of farm machinery and implements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Small scale processing and value addition	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Post Harvest Technology	-	02	02	-	-	-	-	-	-	-	50	-	35	-	85	-	50	-	35	-	85	85	
VII Plant Protection																							
Integrated Pest	1	-	1	-	-	-	-	-	-	28	-	11	-	39	-	28	-	11	-	39	-	39	

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 mainstreaming through SHGs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	3	-	3	20	-	-	-	20	-	18	-	8	-	26	-	48	-	11	-	59	-	59

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
Horticulture	Nursery raising	Scientific nursery raising of vegetable crops	27/9/2016	01	Chowkham	PF/FW	-	-	-	-	30	30	-	30	30
Horticulture	Rejuvenation of Old orchards	Propagation technique of Horticulture crops	7/2/2017	01	Chowkham	EP	10	-	10	9	4	13	19	4	23

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
Plant Protection	IPM	Integrated pest management in ginger	09.06.16	01	Jona - I	PF	21	05	26	-	-	-	21	05	26
Plant Protection	IDM	Integrated pest management in Khasi mandarin	15.06.16	01	Rongalibil	PF				28	11	39	28	11	39
Horticulture	Commercial fruit production	Scientific cultivation of Arecanut	16.06.16	01	Kumari Kachari	RY	25	4	29	-	-	-	25	4	29
Horticulture	Exotic Vegetables	Scientific cultivation of Tomato	22.09.16	01	Rangalibeel	PF/FW	28	2	30	-	-	-	28	2	30
Horticulture	Exotic	Scientific cultivation of	09.12.16	01	Juna- iv	PF/FW	-	-	-	24	3	27	24	3	27

	Vegetables	Exotic Vegetables														
Horticulture	PHT and Value addition	Post harvest mgt. of Ginger and Potato	26.12.16	01	New Mohong	PF/FW	18	7	25	5	2	7	23	9	32	
Horticulture	Export potential vegetable	Scientific cultivation of Cucurbits	03.02.17	01	Manpangleng	PF/FW	30	3	33	-	-	-	30	3	33	
Horticulture	Production mgt. technology	Scientific cultivation of Ginger	24.02.17	01	Manmou Tissue	PF/FW	-	-	-	11	15	26	11	15	26	
Horticulture	Off season vegetables	Backyard vegetable cultivation	15.03.17	01	Kumari khampati	PF/FW	18	15	33	-	-	-	18	15	33	
Horticulture	Vermiculture	Vermicompost production technology	16.03.17	01	Mahaloni	PF/FW	2	29	31	-	-	-	2	29	31	
Horticulture	Vermiculture	Vermicompost production technology	18.30.17	01	Manpangleng	PF/FW	25	7	32	-	-	-	25	7	32	
Fishery	Community hall	Carp fry & fingerling rearing	02.06.16	01	Chongkham	PF	-	-	-	10	22	32	10	22	32	
Fishery	Community hall	IFS	10.06.16	01	Namliang	PF	-	-	-	13	18	31	13	18	31	
Fishery	Community hall	Carp fry fingerling rearing	13.06.16	01	Alubari	PF	-	-	-	24	09	33	24	09	33	
Fishery	Community hall	IFS	14.06.16	01	Gohain gaon	PF	-	-	-	18	15	33	18	15	33	
Fishery	Community hall	IFS	07.07.16	01	Khowji	RY	-	-	-	31	03	34	31	03	34	
Fishery	Community hall	IFS	08.07.16	01	Kumari Khmapti	PF	-	-	-	32	-	32	32	-	32	
Fishery	Community hall	Composite fish farming	10.11.16	01	Napatia	PF	-	-	-	27	08	35	27	08	35	
Fishery	Community hall	Composite fish culture	27.12.16	01	Alubari	PF	-	-	-	15	20	35	15	20	35	
Fishery	Community hall	Paddy cum fish culture	06.02.16	01	Chongkham	EF	-	-	-	19	04	23	19	04	23	
Fishery	Community hall	Diseases of fish	01.02.17	01	Kumari Khampati	PF	-	-	-	16	16	32	16	16	32	
Fishery	Community hall	IFF	02.02.17	01	Khowji	PF	-	-	-	18	04	22	18	04	22	
Fishery	Community hall	IFF	24.02.17 to 25.02.17	02	Manmow Tissue	PF	-	-	-	11	15	26	11	15	26	
Animal science	Poultry management	Backyard poultry farming	20.6.16	01	Mahaloni	PF/FW	07	12	19	03	08	11	10	02	30	

Animal science	Poultry management	Backyard poultry farming	18.7.16	01	Alubari	PF/FW	28	08	36	-	-	-	28	08	36
Animal science	Health management	Effect of Deworming on body weight gain of growing kid	08.08.16	01	Krishnapur	PF/FW	15	22	37		02	02	15	24	39
Animal science	Health management	Effect of Deworming on body weight gain of growing kid	11.08.16	01	Podomoni	PF/FW	03	03	06	03	17	20	06	20	26
Animal science	Goat Husbandry	Scientific goat Husbandry	12.08.16	01	Mahaloni	PF/FW	06	09	15	5	15	20	11	24	35
Animal science	Goat Husbandry	Scientific goat Husbandry	20.09.16	01	Alubari	PF/FW	09	21	30			-	09	21	30
Animal science	Goat Husbandry	Scientific goat Husbandry	27.09.16	01	Kumari khampti	PF/FW	-	-	-	28		28	28	-	28
Animal science	Health management	Control and prevention of various diseases of Domestic animals.	24.9.16	01	Namliang	PF/FW	10	20	30	-	-	-	10	20	30
Animal science		Importance of Deworming and vaccination of livestock in schedule time	9.11.16	01	Alubari	PF/FW	-	-	-	28	07	35	28	07	35
Animal science	Dairying	Milk production and and its processing	15.12.16	01	Khowji	PF/FW	05	01	06	12	12	24	17	13	30
Animal science	Dairying	Milk production and and its processing	16.12.16	01	Mahadevpur	PF/FW			0	20	9	29	20	9	29
Animal science	Dairying	Milk production and and its processing	17.12.16	01	Kumari Khamti	PF/FW	6	8	14	5	13	18	11	21	32
Animal science	Health management	Importance of Deworming and vaccination of livestock in schedule time	23.12.16	01	Khawji	PF/FW	07	03	10	15	05	20	22	08	30
Animal science	Fodder Production	Round the year green fodder production	21.02.17	01	Napatia	Rural Youth	23	07	30	-	-	-	23	07	30
Animal science	Fodder Production	Round the year green fodder production	22.02.17	01	Alubari	PF/FW	21	09	30	-	-	-	21	09	30
Animal science	Health management	Control and prevention of zoonotic diseases	24.2.17	01	Manmow tissue	PF/FW	-	-	-	15	11	26	15	11	26
Animal science	Health management	Control and prevention of zoonotic diseases	24.12.16	01	Kumeri Kasari	RY	-	-	-	08	22	30	22	08	30
Animal	Dairy	A.I. in Cattle	25.2.17	01	Mahaloni	RY	06	06	12	04	01	05	10	07	17

science	Management															
Animal science	Dairy Management	A.I. in Dairy animals	8.2.17	01	Chongkham	EF	02	01	03	08	02	10	10	03	13	
Animal science	Piggery management	Scientific pig farming (ATMA)	12.5.16	01	Namliang	PF/FW	-	-	-	05	29	34	05	29	34	
Animal science	Poultry management	Backyard poultry farming (ATMA)	13.5.16	01	Manmaw tissue	PF/FW	-	-	-	14	47	61	14	47	61	
Animal science	Poultry management	Backyard poultry farming (ICAR-NRC-Yak)	2.12.16-3.12.1	02	Alubari	PF/FW	15	06	21	10	01	11	28	07	32	
Animal science	Dairy management	Awareness prog. Cum farmers training on IFS(Pig cum fish) (ATMA)	25&26.09.106	02	Rangali Bill	PF/FW	-	-	36	05	41	-	36	05	41	
Agri. Engg.	Small tools and implement	Small tools and implements in Agriculture	27.12.16	01	New Mohong	PF	-	-	-	22	08	30	22	08	30	
Agri. Engg.			17& 18.03.17	02	Tezu	PF	-	-	-	50	35	85	50	35	85	

(D) Vocational training programmes for Rural Youth

Crop / Enterprise	Date (From – To)	Duration (days)	Area of training	Training title*	No. of Participants									Impact of training in terms of Self employment after training				Whether Sponsored by external funding agencies (Please Specify with amount of fund in Rs.)	
					General			SC/ST			Total			Type of enterprise ventured into	Number of units	Number of persons employed	Avg. Annual income in Rs. generated through the enterprise		
					M	F	T	M	F	T	M	F	T						

*training title should specify the major technology /skill transferred

23.	Training manual	Extension manual on fodder production, conservation and quality improvement	-	-	-	-	-	-	-	-	-	-	-	-	-	100 copies	
24.	Soil health camp	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25.	Awareness camp	PMFBY	04.04.16	01	-	-	-	-	-	-	-	-	-	-	-	318	
		Health camp cum vaccination in livestock	19.5.16 & 25.6.16, 2 days	2	10	11	21	91	57	148	-	-	-	101	68	169	
26.	Lecture delivered as resource person	-	-	21	453	522	975	242	97	339	-	-	-	695	619	1314	
27.	PRA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
28.	Farmer-Scientist interaction			04	5	2	7	106	39	145	-	-	-	111	41	152	
29.	Soil test campaign	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
30.	Mahila Mandal Convener meet	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
31.	Any other (Please specify)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Grand Total					372	660	632	1282	748	365	1005	1		1	1366	967	3109

3.5 Production and supply of Technological products during 2016-17

A. SEED MATERIALS

Major group/class	Crop	Variety	Quantity (qt)	Value (Rs.)	Number of recipient/ beneficiaries		
					General	SC/ST	Total
CEREALS	Rice	Ranjit	2.86	2288.00	01	-	01
	Maize	Dekalb All Rounder	21.60	15900.00	05	-	05
OILSEEDS	Sesamum	Local	2.40	6000.00	01	-	01
	Rapeseed	TS-36	8.17	22876.00	01	-	01
PULSES	Blackgram	Local	3.80	13980.00	03	-	03

VEGETABLES	i. Okra	Varsha Uphar	5.0	5000.00	01	-	01
	ii. Pea	Azad P-1	4.25	4780.00	03	-	03
	iii. Pumpkin	Local	12.50	2500.00	01	-	01
	iv. Ashgourd	Local	26.40	5280.00	04	-	04
	v. Carrot	Pusa Meghali	1.0	700.00	01	-	01
	vi. Cabbage	Rearball	2.66	2220.00	02	-	02
	vii. Potato	Bengal var.	3.60	2880.00	01	-	01
FRUIT CROPS	Pineapple	Kew	260 nos.	2320.00	03	-	03
	Ber	Apple cross	0.87	870.00	02	-	02
Spices	Ginger	Local	18.04	18040.00	-	01	01
Others	Mushroom	Oyster	0.19	3800.00	03	-	03
OTHERS (Specify)							

A1. SUMMARY of Production and supply of Seed Materials during 2016-17

Sl. No.	Major group/class	Quantity (ton.)	Value (Rs.)	Number of recipient/ beneficiaries		
				General	SC/ST	Total
1	CEREALS	2.446	18188.00	06	-	06
2	OILSEEDS	1.057	28876.00	02	-	02
3	PULSES	0.380	13980.00	03	-	03
4	VEGETABLES	5.541	23360.00	11	-	11
5	FRUIT CROPS	260 nos./0.087	3190.00	05	-	05
6	SPICES	1.804	18040	-	01	01
7	OTHERS (MUSHROOM)	0.019	3800.00	03	-	03
TOTAL		260NOS./11.334	109434.00	30	01	31

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

Major group/class	Crop	Variety	Numbers (In Lakh)	Value (Rs.)	Number of recipient beneficiaries		
					General	SC/ST	Total
Fruits							
Spices							
Ornamental Plants							
VEGETABLES	Cabbage	Rearball	0.124	6200.00	01	-	01

C1. SUMMARY of production of bio-products during 2016-17

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 2016-17

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)	Japanese	107	-	5350.00	03	02	05
	Vanaraja	Crossbreed	29	-	8800.00	04	-	04
	Fisheries (Fingerlings)	-	20,000	-	5000.00	01	-	01
	Others (Specify) (Quail eggs)	-	1685	-	1685	04	01	05

D1. SUMMARY of production of livestock during 2016-17

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	-	136	-	14150.00	07	02	09
4.	PIGGERY							
5	FISHERIES	-	20,000	-	5000.00	01	-	01

6	OTHERS (Quail eggs)	-	1685	-	1685.00	04	01	05
	TOTAL	-	-	-	20,835.00	12	03	15

3.6. Literature Developed/Published (with full title, author & reference) during 2016-17

(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	Performance Of Crossbred Pig (Hampshire 75%Xassam Local 25%) In Namsai District Of Arunachal Pradesh	Santosh Kumar, BKD Borah and D Sasmal	Mass
Training manuals	Extension manual on fodder production, conservation and quality improvement	Santosh Kumar, BKD Borah, D. Borah, D Medhi and S. Deori	100
Technical Report			
Book/ Book Chapter			
Popular articles	Dugdh Sahkari Samitiyo dwara moolya nirdharan paddhti	Santosh Kumar	Mass
Technical bulletins			
Extension bulletins	Crop Calendar		450
	Pashupalak Calendar	Santosh Kumar, BKD Borah and S. Deori	200
Newsletter	KVK news letter (2)	D Sasmal	
Conference/ workshop proceedings			
Leaflets/folders	Advance production technology of Papaya	Ph. Chandramani singh	500
	Sorghum-a fodder crop	Santosh Kumar and BKD Borah	500
	Round the year fodder production	Santosh Kumar and BKD Borah	500
	Important infectious disease of poultry and their preventive measures	BKD Borah and Santosh Kumar	500
e-publications			
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 (2016-17):

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

1. Details of Soil Health Cards (SHCs) (2016-17)

- a. No. of SHCs prepared:.....
- b. No. of farmers to whom SHCs were distributed:.....
- c. Name of the Major and Minor nutrients analysed:.....
- d. No. of villages covered:.....
- 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	13	5317	15	2616							9	837	37	8770
Voice only														
Voice and Text both														
Total	13	5317	15	2616							9	837	37	8770

3.14 Contingency planning for 2016-17

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.

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	03.04.16	07.08.16	0.13	Dekalb All Rounder	Seed	21.60 qt.	3000.00	15900.00	-
Any other									
Pulses									
Green gram									
Black gram	01.09.16	25.11.16	0.13	Local	Seed	3.8 qt.	1500.00	13980.00	-
Arhar									
Lentil									
Any other									
Oilseeds									
Mustard	28.10.16	05.02.17	1.04	TS-36	Seed	8.17 qt	13000.00	22876.00	
Soy bean									
Groundnut									
Any other (Sesamum)	20.05.16	02.10.16	0.91	Local	Seed	2.4 qt.	5000.00	6000.00	-
Fibers									
i.									
ii.									
Spices & Plantation crops									
i. Ginger	03.04.16	05.03.17	0.07	Local	Seed	18.04qt.	8000.00	18040.00	-
ii.									
Floriculture									
i.									
ii.									
Fruits									
i. Ber	27.02.14	-	-	Apple cross	Fruit	0.87 qt.	-	870.00	-
ii. Pineapple	07.06.2008	-	-	Kew	Fruit	260 nos.	-	2320	-
Vegetables									

6.6. Utilization of hostel facilities (Month-Wise) during 2016-17

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	Dirang	11862655773
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, 2015
	Year	Year	Year	Year	
Inputs					
Extension activities					
TA/DA/POL etc.					
TOTAL					

7.3 Utilization of KVK funds during the year 2016 -17

S. No.	Particulars	Sanctioned (in Lakh)	Released (in Lakh)	Expenditure (in Lakh)
A. Recurring Contingencies				
1	Pay & Allowances	90.00	90.00	88.84
2	Traveling allowances	1.80	1.80	1.21
3	HRD	1.00	1.00	1.00
4	Contingencies			
A	Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library	6.05	6.05	6.05

	maintenance (Purchase of News Paper & Magazines)			
<i>B</i>	POL, repair of vehicles, tractor and equipments			
<i>C</i>	Meals/refreshment for trainees			
<i>D</i>	Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training)	9.95	9.95	9.95
<i>E</i>	Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year)			
<i>F</i>	On farm testing (on need based, location specific and newly generated information in the major production systems of the area)			
<i>G</i>	Training of extension functionaries			
<i>H</i>	Maintenance of buildings			
<i>I</i>	Establishment of Soil, Plant & Water Testing Laboratory			
<i>J</i>	Library			
TOTAL (A)		108.80	108.80	107.05
B. Non-Recurring Contingencies				
1	Works			
2	Equipments/Farm implements/Furniture			
	i. GPS Kit	0.25	Nil	Nil
	ii. Digital Camera	0.50	Nil	Nil
	iii. LCD Projector	0.50	0.50	0.50
	iv. Furniture book case for Library	0.30	Nil	Nil
3	Vehicle (Four wheeler/Two wheeler, please specify)			
4	Library (Purchase of assets like books & journals)	0.75	Nil	Nil
TOTAL (B)		2.30	0.50	0.50
C. REVOLVING FUND		NIL	NIL	0.83
GRAND TOTAL (A+B+C)		111.10	109.30	108.38

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 2014 to March 2015	49,174.00	79,360.00	27,359.00	75,957.00
April 2015 to March 2016	75,957.00	1,95,320.00	1,80,660.00	90,617.00
April 2016 to March 2017	90,617.00	1,28,529.00	82,890.00	1,36,256.00 (Upto 31st March, 2017)

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). Unavailability of fund during need/actual season.
- ii). Irregular funding,
- iii). 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 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.