



**ANNUAL REPORT**  
**(INSTITUTE KRISHI VIGYAN KENDRAS)**  
**2018-19**



**NODAL CELL, INSTITUTE KVKs.**  
ICAR Research Complex for N.E.H. Region  
Umroi Road, Umiam-793103, Meghalaya

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## **Annual Report (Institute KVKs, 2018-19)**

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## Preface

The ICAR Research Complex for North Eastern Hill Region is continuously engaged in harnessing science to resolve the concerns of the farmers of North Eastern Region for more than four decades. During the period, the institute identified many alternative land use options to sedentary practices, developed more than 20 location specific integrated farming systems including organic package of practices, technologies on livestock and fisheries. In addition, more than 38 improved varieties of crops including rice, pulses, oilseeds, fruits, vegetables and tubers were developed in last 10 years. These developed technologies have little relevance if not reached in time to end users – the farmers. And, the 20 KVKs under the Institute are spearheading the responsibilities tirelessly through identification of the problem, refinement and demonstration of technologies to fill the gaps, capacity building and rural empowerment to streamline the farming across the Northeastern region. With the technological backstopping from the Institute and other NARS institutions the KVKs have been able to work at the grassroots level and reach the unreached and implement many farmer centric projects and schemes to enhance their income and livelihood.

As usual, the year 2018 was very hectic and productive for our KVKs in their efforts, in spite of many constraints on human resources, infrastructure and basic amenities. In total, the Institute KVKs conducted **941** On-farm trials (OFTs) to refine the technologies and **2,013** Frontline demonstrations (FLDs) on cereals, pulses, oilseeds, vegetables, horticulture, mushroom, livestock, fisheries and integrated farming systems. In addition, KVKs conducted **1,137** capacity building trainings for the benefit of **37,043** farmers including rural youth, women and rural start-ups. Further, almost 1,163 extension awareness activities including Kisan Melas, Field Days, Kisan Gosthis, Diagnostic and Exposure visits and Scientists-Farmers interactions were also organized to benefit **82,617** farmers.

Undoubtedly, the ICAR-KVKs are playing the role of a catalyst in our national goal of doubling farmers' income by 2022. This Institute recognizes their contribution and congratulate all the 20 KVKs for contributing to this noble cause with missionary zeal. I believe the Annual Report of KVKs by the Nodal Cell is a first of its kind. I compliment the Editorial Board for their concerted efforts in bringing out the first issue. I sincerely hope that this Annual Report will be of immense help to the farming community and also to other stakeholders.

**Basant Kandpal**  
Director



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## INTRODUCTION

The North Eastern Region (NER) of India constitutes the states of Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura. The North East of India is a region of mystic splendor and rich cultural heritage spreading over an area of 262179 sq. km. It is stretched between 89.46<sup>o</sup> to 97.30<sup>o</sup> East longitudes and 21.57<sup>o</sup> to 29.30<sup>o</sup> North latitude. The entire Northeastern region is at the low level of economic development although it has a tremendous potential to develop. Agriculture has been the leading sector of the economy in the region. More than 70 percent of the population in the region is involved in agricultural activities for earning their livelihood.

The ICAR Research Complex being one of the premier Institute of the region is the host to 20 numbers of Krishi Vigyan Kendras spread over all the states of NE Region. The institute has been disseminating modern technologies for livelihood and nutritional security through these KVKs. These KVKs have been tirelessly working for the upliftment of the farming community through dissemination of technologies, assessment and refinement of technologies, demonstration, etc and other extension activities. As the KVKs are working at the grass root level, KVKs' roles have been multi-dimensional starting from case activities such as technology backstopping, resource-conservation methods, introduction of cutting edge techniques, developing entrepreneurial opportunities, providing vocational/skill training to rural youth & farm women.

Presently, the KVKs have been assigned the mandate of Technology Assessment & Demonstration for the Application and Capacity Development (TA DA - CD). To implement the mandates effectively the following activities have been defined for the KVKs.

- On-Farm Testing (OFT) to assess the location specificity of agricultural technologies under various farming systems.
- Out sealing of farm innovation through Frontline Demonstration (FLD) to showcase the specific benefits/ worth of technologies in farmers' field.

- Capacity development of farmers' and extension personnel to update their knowledge and skills in modern agricultural technologies and enterprises.
- Work as Knowledge & Resource Centre for improving overall agricultural economy in the operational area.
- Conduct frontline extension programmes and provide farm advisories using ICT and other media on varied subjects of interest to farmers.
- Data documentation, characterization and strategic planning of farming practices. Besides these, many externally funded projects are going on in selected KVKs viz; National Innovations on Climate Resilient Agriculture (NICRA), Attracting & Retaining of Rural Youth in Agriculture (ARYA), Cluster Demonstration on Oilseeds & Pulses under NMOOP/ NFSM, Skill Development Training Programme under Ministry of Skill Development and Entrepreneurship, Government of India.

KVKs also act as a single window Agriculture Technology Information Centre where they produce quality technology related inputs/ products (seeds, planting materials, bio-agents, livestock, fingerling, etc) and make them available to farmers. They also identify and document important farmer-led innovations and converges with inform scheme and programme within the mandate of KVK.

### NODAL CELL

The KVKs were established with an aim to exchange technology and empowerment of farmers to enhance productivity and profitability. It is an excellent network in reducing the time lag between generation of technology at the research institution and its application in location specific farmers fields for increasing production, productivity and net farm income on a sustained basis. Initially the KVKs were monitored by TOTs located in the ICAR Research Complex, Umiam itself. During 1979-80 only four KVKs were established in the region

namely Dimapur, West Garo Hills, West Siang and Imphal West. Subsequently with the announcement that one KVK should be established in each district, more KVKs were established in the region. Hence, the Nodal Cell of Institute KVKs was created to coordinate, streamline and monitor the activities of the Krishi Vigyan Kendras' functioning under the Institute and has been operating since 2002 under the guidance of Dr. A. K. Tripathi (PS, Agril. Econ) until 2007. From 2007 it was headed by Dr. A. Mishra (PS, Agril.Extn.) until 2009. Dr. A. K. Tripathi took over again on the year 2009 until 2017. Dr. A. Sen (PS, Animal Health) was looking after the Nodal Office from June 2017 to February 2018 and handed over the charges to Dr. T. Samajdar (Sr. Scientist & Head, KVK, West Garo Hills) who was looking after this cell till November 2018. Presently, the Nodal Cell is being headed by Dr. A. K. Jha (PS, Horticulture). KVKs which were established during the year 1979-80 were Dimapur, Imphal West, West Siang, West Garo Hills and subsequently East Sikkim (1982) and South Tripura (1984) were established. The success of KVKs at many locations created a great demand for establishment of more KVKs in new districts of the region. Gradually, more KVKs were established

*viz*; Ri-Bhoi (2002), Tamenglong (2005), Chandel, Wokha and Churachandpur (2006), Namsai (2007), Ukhrul (2008), Hailakandi (2009), Longleng (2011), Anjaw (2014), Peren and West Tripura (2016), Kiphore and Longding (2017). KVK Namsai was working under the aegis of NRC on Yak since 2007 but due to operational and administrative issues the same was transferred to ICAR Research Complex for NEH Region, Umiam in 2017. The ICAR-ATARI, Zone-III has been bifurcated into two zones namely; ICAR-ATARI, Zone VI, Guwahati (6 KVKs) and ICAR-ATARI, Zone VII, Umiam (14 KVKs) for effective monitoring, coordinating and reviewing the activities of 20 KVKs under the Institute of ICAR Research Complex for NEH Region Umiam .

Presently the KVKs under ICAR Research Complex, Umiam have a total of 186 staff in different positions like Senior Scientist & Head (8 nos), Subject Matter Specialists (79 nos), Programme Assistant (Lab Technician 17 nos), Computer Programmer (9 nos), Farm Manager (11 nos), Stenographer ( 11 nos), Assistant (2 nos), Driver (24 nos) and Supporting Staff (25 nos) (Table 1). The remaining vacancies (134 nos) of different cadres are in the process for recruitment.

**Table 1: Details of staff position of Institute KVKs**

Name of KVK	Sr Scientist & Head (Nos.)	SMS (Nos.)	Prog. Asstt (Lab Tech) (Nos.)	Computer Prog (Nos.)	Farm Manager (Nos.)	Steno (Nos.)	Office Asstt (Nos.)	Driver (Nos.)	SSS (Nos.)
<b>State: Arunachal Pradesh</b>									
Anjaw	1	4	0	1	0	0	0	1	0
Longding	0	3	0	0	0	0	0	0	0
Namsai	0	3	1	1	1	1	0	1	2
West Siang	1	4	1	0	1	0	0	2	1
<b>State: Assam</b>									
Hailakandi	0	4	1	0	0	1	0	2	2
<b>State: Manipur</b>									
Chandel	1	6	0	1	1	0	1	2	2
Churachandpur	0	6	2	0	1	1	0	2	2
Imphal West	0	4	1	1	1	0	0	2	3



Ukhrul	1	5	1	0	1	1	0	1	2
Tamenglong	1	7	2	1	1	1	0	2	2
<b>State: Meghalaya</b>									
Ri-Bhoi	1	6	1	1	1	1	0	1	1
West Garo Hills	0	3	1	1	1	1	0	2	2
<b>State: Nagaland</b>									
Dimapur	0	3	2	1	1	1	0	1	1
Kiphore	0	0	0	0	0	0	0	0	0
Longleng	1	1	1	1	0	1	0	0	1
Peren	0	3	0	0	0	0	0	0	0
Wokha	1	5	1	0	0	0	1	2	1
<b>State: Sikkim</b>									
East Sikkim	0	5	1	0	1	1	0	2	1
<b>State: Tripura</b>									
South Tripura	0	5	1	0	0	1	0	1	2
West Tripura	0	2	0	0	0	0	0	0	0
<b>Total</b>	<b>8</b>	<b>79</b>	<b>17</b>	<b>9</b>	<b>11</b>	<b>11</b>	<b>2</b>	<b>24</b>	<b>25</b>

During the reporting year an amount of Rs 2120.550 lakhs were received from Council out of which an expenditure of Rs 1957.289 was incurred

(Table 2). KVK Longleng administrative building drawing and estimates were vetted by Council and funds were released for construction of the same.

**Table 2: Budget (Actual expenditure) for the FY 2018-2019**

(Rs in lakhs)

Sl.No.	Items/Heads	Grant received	Expenditure	Saving
<b>A) Recurring Items</b>				
1.	Pay & Allowance	1741.000	1636.181	104.820
2.	Travelling Allowance	42.000	20.073	21.930
3.	HRD	14.000	9.675	4.330
4.	Contingency	239.250	213.239	26.000
<b>Total (A)</b>		<b>2036.250</b>	<b>1879.168</b>	<b>157.080</b>
<b>B) Non-Recurring Items</b>				
1.	Equipments	10.300	10.300	0.000
2.	Works	50.000	49.958	0.042
3.	Library	0.000	0.000	0.000
4.	Vehicle	24.000	17.863	6.140
5.	Revolving Fund	0.000	0.000	0.000
<b>Total (B)</b>		<b>84.300</b>	<b>78.121</b>	<b>6.182</b>
<b>Grand Total (A+B)</b>		<b>2120.550</b>	<b>1957.289</b>	<b>163.262</b>

## KRISHI VIGYAN KENDRA, ANJAW

**K**VK Anjaw, Arunachal Pradesh had tested seven technologies under 32 trials in 39 farmers' field and six technologies demonstrated covering 31 ha area and 9 units in 216 farmers field of Anjaw district. Conducted 23 training programmes for farmers/farm women, three for rural youth benefitting 101 youths and one training

for extension personnel. Under other 430 extension activities, 1414 farmers were benefitted. KVK Anjaw produced 0.40 q seeds and planting materials during FY - 2018-19. About Rs. 69,130/- was generated through revolving fund scheme by the KVK Anjaw. KVK Anjaw distributed 72 soil health cards to the different farmers of Anjaw district.

### 1. On-Farm Testing (OFT) conducted

Sl. No.	Discipline	Crop/ Enterprise	Name of technology assessed	No. of trials	Number of farmers
1	Horticulture	Apple	Assessment on suitability of low chilling grafted apple cv. Mollies Delicious.	3	15
		Kiwi	Assessment on suitability of kiwi fruit var. Allison	2	
		Large cardamom seeds (local)	Comparative study on the germination percentage of large cardamom seeds	2	
2	Soil Science / Agronomy	Rice	Varietal evaluation of CAU R3	10	18
		Toria	Varietal evaluation of TS-46	5	
		Pea	Performance of pea Var. IPFB 10-12	8	
3	Animal Science	Piggery	Performance of Ghungroo breed of pig	2	06
<b>Total</b>				<b>32</b>	<b>39</b>

### 2. Frontline demonstrations (FLD) conducted

Sl. No	Crop/ Livestock/ Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area in ha
1	Maize	Yield enhancement RCM-76	04	05	01
2	Soybean	Yield enhancement CFLD Dsb-19 under NMOOP oilseed	10	38	10
3	Toria	Yield enhancement CFLD Toria under NMOOP oilseed	13	51	20
4	Oyster Mushroom	Alternative source of income generation	03	22	03 units
5	Poultry	Breed evaluation of Vanaraja	1	43	03 units
6	SLMB	SLMB for Mithun	1	57	03 units
<b>Total</b>			<b>32</b>	<b>216</b>	<b>31ha/9 units</b>

### 3. Training of farmers and farm women in On Campus including sponsored programmes

Thematic area	No. of courses			Total						Grand total
	OC	SO	T	M		F		T		
				OC	SO	OC	SO	OC	SO	
Crop production	1		1	11		18		29		29
Horticulture		2	2		82		54		136	136
Capacity building and group dynamics	1		1	-		30		30		30
<b>Total</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>11</b>	<b>82</b>	<b>48</b>	<b>54</b>	<b>48</b>	<b>147</b>	<b>184</b>

OC-On-Campus; SO-Sponsored On-Campus

### 4. Training of farmers and farm women in Off Campus including sponsored programmes

Thematic area	No. of courses			Total						Grand total
	OF	SOF	T	M		F		T		
				OF	SOF	OF	SOF	OF	SOF	
Crop production	3		3	43	0	48	0	91	0	91
Horticulture	3	1	5	64	42	57	22	121	64	185
Soil health & fertility management	2		2	21		18		39		39
Livestock production and management	7		7	104	0	95	0	199	0	199
Oyster mushroom production	2		2	42		14		56		56
<b>Total</b>	<b>18</b>	<b>1</b>	<b>19</b>	<b>274</b>	<b>42</b>	<b>232</b>	<b>22</b>	<b>506</b>	<b>64</b>	<b>570</b>

OF- Off-Campus; SOF- Sponsored Off-Campus

### 5. Training of Rural Youth in Off Campus including sponsored programmes

Thematic area	No. of courses			Total						Grand total
	OF	SOF	T	M		F		T		
				OF	SOF	OF	SOF	OF	SOF	
Commercial fruit production	1		1	22		3		25		25
Poultry production	1		1	35		10		35		35
Disease management	1		1	18		23		41		41
<b>Total</b>	<b>3</b>	<b>-</b>	<b>3</b>	<b>65</b>	<b>-</b>	<b>36</b>	<b>-</b>	<b>101</b>	<b>-</b>	<b>101</b>

## 6. Training of extension personnel in On Campus including sponsored programmes

Thematic area	No. of courses			Total						Grand total
	OC	SO	T	M		F		T		
				OC	SO	OC	SO	OC	SO	
Oyster mushroom production	1		1	-		10		10		10
<b>Total</b>	<b>1</b>		<b>1</b>	<b>-</b>		<b>10</b>		<b>10</b>		<b>10</b>

## 7. On & Off Campus sponsored training programme

On/ Off/ Vocational	Beneficiary group (F/ FW/ RY/ EP)	Duration (days)	Discipline	No. of participants			Sponsoring agency
				M	F	T	
On	F/FW/RW	1	Horticulture	39	28	67	CSIR NEIST
On	F/FW/RW	1	Horticulture	43	26	69	NEC
Off	F/FW/RW	1	Horticulture	42	22	64	NEC
<b>Total</b>		<b>3</b>		<b>124</b>	<b>76</b>	<b>200</b>	

\*F = Farmer, FW = Farm Women, RY = Rural Youth, EP = Extension Personnel

## 8. Extension activities undertaken

Sl. No.	Extension activity	No. of activities	Grand total		
			M	F	T
1	Advisory services	263	139	124	263
2	Diagnostic visit	1	20	23	43
3	Field day	2	26	15	41
4	Group discussion	9	44	26	70
5	SHG formation	3	8	40	48
6	Exhibition	3			mass
7	Scientists visit to farmers fields	89	99	55	154
8	Method demonstration	10	57	38	95
9	Celebration of important days	7	Mass	Mass	Mass
10	Extension literature		Mass	Mass	Mass
11	Newspaper coverage	26	Mass	Mass	Mass
12	Training manual	1	Mass	Mass	Mass
13	Soil health camp	1	19	11	30
14	Awareness camp	3	205	115	320
15	Lecture delivered as resource person	8	143	71	214
16	PRA	2	23	44	67
17	Farmer-Scientist interaction	2	84	52	136
	<b>Total</b>	<b>430</b>	<b>844</b>	<b>570</b>	<b>1414</b>

## 9. Production and supply of seed materials

A.	Seed Materials	Quantity (qt.)	Value (Rs.)	Total no. of beneficiaries		
1	Pulses	0.4	-	15		
<b>Total</b>		<b>0.4</b>	<b>-</b>	<b>15</b>		
B.	Planting Material	Numbers (In lakh)	Value (Rs.)	Total no. of beneficiaries		
2	Fruits	0.122	-	152		
3	Vegetables	0.015	-	07		
<b>Total</b>		<b>0.137</b>		<b>159</b>		
C.	Bio-products	Species	Quantity(qt.)	Value (Rs.)	Total no. of beneficiaries	
4	Bio-fertilizers	E.foetida	-	2	-	14
5	Bio-pesticides			2		14
<b>Total</b>			<b>-</b>	<b>4</b>	<b>-</b>	<b>28</b>



Diagnostic Visit



Diagnostic Visit



CFLD on oilseed: Soybean DSB-19



Demonstration on maize

## KRISHI VIGYAN KENDRA, CHANDEL

**K**VK Chandel, Manipur had conducted eleven On-Farm Testing through 46 trials at 96 farmers field and demonstrated two technologies spread to 18 villages covering 14 ha area in 50 farmers field. They have also conducted 81 training programmes for the benefit of 1927 farmers, farm women, rural youths, extension functionaries of

which 62 trainings for 1536 farmers/farm women, 14 trainings for 291 rural youths and 5 trainings for 100 extension personnel in the district. KVK Chandel had also organized about 152 other extension activities for 9,955 beneficiaries and produced 102q seeds and 57,500 planting materials during the reporting period.

### 1. On-Farm Testing (OFT) conducted

Sl. No	Discipline	Crop/Enterprise	Name of technology assessed	No. of trials	Number of farmers
1	Agronomy	Cropping system	<b>Technology:</b> 1. Rice var. RC Maniphu-13 – Mustard var. TS-36 2. Rice var. RC Maniphu-13 –Fieldpea var. Prakash 3. Rice var. RC Maniphu-13 -Lentil var. HUL-57 <b>Control:</b> Rice fallow	3	4
		Cropping system	<b>Technology:</b> 1. Maize var. HQPM-5 +groundnut var. ICGS-76 –pea var. Prakash 2. Maize var. HQPM-5 + ricebean var. Local-pea var. Prakash <b>Control:</b> Sole maize var. HQPM-5- pea var. Prakash	3	
		Cropping system	<b>Technology:</b> 1. Rice var. RC Maniphu-13 – Mustard var. TS-36 2. Rice var. RC Maniphu-13 –Fieldpea var. Prakash 3. Rice var. RC Maniphu-13 -Lentil var. HUL-57 <b>Control:</b> Rice fallow	3	3
		Cropping system	<b>Technology:</b> 1. Maize var. HQPM-5 +groundnut var. ICGS-76 –pea var. Prakash 2. Maize var. HQPM-5 + ricebean var. Local-pea var. Prakash <b>Control:</b> Sole maize var. HQPM-5- pea var. Prakash	3	3

3	Horticulture	Fruit preservation	T0: Farmers' practice T0: T1: Preparation of guava nectar at 13° brix T2: Preparation of guava nectar at 15° brix T3: Preparation of guava nectar at 16° brix	3	3
		Fruit preservation	To Soak pineapple slice in normal sugar syrup for overnight T1: Soak pineapple slice in sugar syrup 60 Brix for 20 hrs T2 : Soak pineapple slice in sugar syrup 65 Brix for 20 hrs	3	3
		Rice	Varietal Evaluation of Rice for higher yield in transplanted condition	3	3
		Field pea	Varietal Evaluation of high yielding field pea	3	3
		Tomato	Response of tomato to various mulching materials	3	3
4	Animal Science	Poultry (Srinidhi)	Performance of Srinidhi birds	14	70
		Duckery (White Pekin)	Performance of White Pekin duck	05	
<b>Total</b>				<b>46</b>	<b>95</b>

## 2. Frontline demonstrations (FLD) conducted

Sl. No	Crop/ Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area in ha
1	Paddy var. RC Maniphou-13	Balanced fertilization	11	27	10
2	Tomato	Mulch	7	23	4
<b>Total</b>			<b>18</b>	<b>50</b>	<b>14</b>

## 3. Training of farmers and farm women in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	On	Sp. On	Total	Male		Female		Total		
				On	Sp. On	On	Sp. On	On	Sp. On	
Crop production	16	3	19	169	55	151	182	320	237	557
Soil health and fertility management	10	0	10	160	0	40	0	200	0	200
Livestock production and management	3	2	5	10	8	50	32	60	40	100

Home Science/Women empowerment	1	0	1	0	0	20	0	20	0	20
Agril. Engineering	2	0	2	20	0	0	0	20	0	20
<b>Total</b>	<b>32</b>	<b>5</b>	<b>37</b>	<b>359</b>	<b>63</b>	<b>261</b>	<b>214</b>	<b>620</b>	<b>277</b>	<b>897</b>

On-On Campus; Sp. On- Sponsored On Campus

#### 4. Training of farmers and farm women in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp. Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Crop production	8	2	10	39	48	121	98	160	146	306
Horticulture	-									
Soil health and fertility management	3	0	3	60	0	30	0	90	0	90
Livestock production and management	6	0	6	40	0	80	0	120	0	120
Home Science/Women empowerment	5	0	5	0	0	100	0	100	0	100
Agril. Engineering	1	0	1	20	0	0	0	20	0	20
<b>Total</b>	<b>23</b>	<b>2</b>	<b>25</b>	<b>159</b>	<b>48</b>	<b>331</b>	<b>98</b>	<b>490</b>	<b>146</b>	<b>636</b>

Off- Off-Campus; Sp. Off- Sponsored Off-campus

#### 5. Training of Rural Youth in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	On	Sp.On	Total	Male		Female		Total		
				On	Sp. On	On	Sp. On	On	Sp. On	
Mushroom production	0	1	1	0	11	0	20	0	31	31
Integrated farming	1	0	1	6	0	14	0	20	0	20
Seed production	1	0	1	9	0	11	0	20	0	20
Vermi-culture	1	0	1	8	0	12	0	20	0	20
Repair and maintenance of farm machinery and implements	1	0	1	20	0	0	0	20	0	20
<b>Total</b>	<b>4</b>	<b>1</b>	<b>5</b>	<b>43</b>	<b>11</b>	<b>37</b>	<b>20</b>	<b>80</b>	<b>31</b>	<b>111</b>



### 6. Training of Rural Youth in Off Campus including sponsored Off programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Value addition	4	0	4	0	0	80	0	80	0	80
Piggery	1	0	1	3	0	17	0	20	0	20
Rabbit farming	1	0	1	5	0	15	0	20	0	20
Poultry production	1	0	1	2	0	18	0	20	0	20
Rural crafts	2	0	2	0	0	40	0	40	0	40
<b>Total</b>	<b>9</b>	<b>0</b>	<b>9</b>	<b>10</b>	<b>0</b>	<b>170</b>	<b>0</b>	<b>180</b>	<b>0</b>	<b>180</b>

### 7. Training of extension personnel in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	On	Sp. On	Total	Male		Female		Total		
				On	Sp. On	On	Sp. On	On	Sp. On	
Conservation agriculture	2	0	2	20	0	20	0	40	0	40
Protected cultivation technology	1	0	1	20	0	0	0	20	0	20
<b>Total</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>40</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>60</b>	<b>0</b>	<b>60</b>

### 8. Training of extension personnel in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Livestock feed and fodder production	1	0	1	0	0	20	0	20	0	20
Women and child care	1	0	1	0	0	20	0	20	0	20
<b>Total</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>40</b>	<b>0</b>	<b>40</b>	<b>0</b>	<b>40</b>

### 9. On campus sponsored training programme

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)	Duration (days)	Discipline	No. of participants			Sponsoring agency
				Male	Female	Total	
1	RY	6	Agronomy	11	20	31	MANAGE
2	F	30	Animal Science	30	25	55	ASCI
3	RY	6	Home Science	3	32	35	MANAGE

F = Farmer, FW = Farm Women, RY = Rural Youth, EP = Extension Personnel

### 10. Extension activities undertaken

Sl. No.	Extension activities	No. of activities	No. of participants		
			Male	Female	Total
1	Diagnostic visit	20	30	49	79
2	Group discussion	8	35	94	129
3	Scientists visit to farmers fields	8	27	61	88
4	Plant/ animal health camp	1	18	33	51
5	Method demonstration	8	18	125	143
6	Celebration of important days	1	64	32	96
7	Exposure visits	3	8	52	60
8	Soil health camp	1	235	62	297
9	Any other (Please specify)	2	0	0	0
<b>Total</b>		<b>52</b>	<b>435</b>	<b>508</b>	<b>943</b>
<b>Extension activities through publication</b>					
10	Newspaper coverage	32	-	-	-
11	Radio talk	3	-	-	-
12	TV talk/ progs	1	-	-	-
13	Lecture delivered as resource person	61	3941	5041	8982
14	Farmer-scientist interaction	3	0	0	30
<b>Total</b>		<b>100</b>	<b>3941</b>	<b>5041</b>	<b>9012</b>
<b>Grand Total</b>		<b>152</b>	<b>4376</b>	<b>5549</b>	<b>9955</b>

### 11. Production and supply of seed materials

A.	Seed materials	Quantity (qt)	Value (Rs.)	Total no. of beneficiaries		
1	Cereals	18.89	55596	74		
2	Oilseeds	83.2	747010	48		
<b>Total</b>		<b>102.09</b>	<b>802606</b>	<b>122</b>		
B.	Planting material	Quantity (in No.) produced		Value (Rs.)	Total no. of beneficiaries	
3	Fruits	6000		25000	12	
4	Vegetables	51500		45000	15	
5	Spices	1000 kg		3000	03	
<b>Total</b>				<b>73000</b>	<b>30</b>	
D.	Livestock	Breed	Quantity		Value (Rs.)	Total no. of beneficiaries
6	Goat	Assam hill goat	4	65	19000	30
		Srinidhi bird	60	130	26000	10
7	Poultry	White Pekin Duck	33	98	22000	5
<b>Total</b>			<b>97</b>	<b>293</b>	<b>67000</b>	<b>45</b>



Skill Training for Rural Youths



Skill Training on Vermicomposting

## KRISHI VIGYAN KENDRA, CHURACHANDPUR

**K**VK Churachandpur had tested eight technologies through 24 trials in 27 farmers field and eleven technologies were demonstrated in 43 villages in 69 farmers field covering 6.5 ha area and 17 different units in Churachandpur district of Manipur. About 63 training programmes were conducted benefitting 1316 beneficiaries, out of which 51 training programmes for 1060 farmers/farm women, 7 trainings for 140 rural youth and 3 training programmes for 76 extension functionaries with 2 vocational training programmes for 40

youths/school drop outs were conducted. KVK had given technological support to 848 farmers through messages. KVK Churachandpur had generated Rs. 5000.00 through revolving fund. Other extension activities like advisory services, diagnostic visits, field days, scientist visit, exhibition etc for about 124 activities for the benefit of 2977 farmers/farm women, rural youths, extension functionaries etc. KVK Churachandpur produced 3 q seeds and 190000 planting materials for the benefit of farming community of the district.

### 1. On-Farm Testing (OFT) conducted

Sl. No.	Discipline	Crop/Enterprise	Name of technology assessed	No. of trials	Number of farmers
1	Plant Protection	Cabbage	Organic management of insect pests in cole crop (cabbage)	3	3
2	Horticulture	Onion	Performance evaluation of onion Var. Bhima Raj and Bhima Super	3	9
		Papaya	Performance evaluation of papaya Var. Arka Surya and Arka Prabhath	3	
3	Home Science	Value addition	Osmo dehydration of pineapple	3	6
		Value addition	Introduction of passion fruit nectar	3	
4	Fishery Science	Fishery	Composite fish culture	3	3
5	Animal Science	Poultry	Evaluation of new germplasm for backyard poultry Sirinidhi	4	6
		Goat	Evaluation of Sirohi goat	2	
<b>Total</b>				<b>24</b>	<b>27</b>

## 2. Frontline demonstrations (FLD) conducted

Sl. No	Crop and Variety/ Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area in ha
1	Broccoli var. Green Magic	Popularization of broccoli var. Green Magic	7	10	1
2	Tomato var. Arka Rakshak	Popularization of tomato var. Arka Rakshak	8	13	1
3	French bean var. Arka Sharath	Popularization of french bean var. Arka Sharath	5	8	1
4	Maize	Organic management of armyworm in maize	2	8	2
5	Field pea	Management of powdery mildew in pea	3	9	1.5
6	Backyard poultry Vanaraja	Popularization of backyard poultry Vanaraja	3	4	
7	Duckery	Khaki Campbell	2	4	
8	IMC and exotic carps	Post stocking management	4	4	
9	Solar dryer	Popularization of solar cabinet dryer	3	3	
10	Zero energy cool chamber	Performance of zero energy cool chamber	3	3	
11	Groundnut decorticator	Popularization of groundnut decorticator	3	3	
<b>Total</b>			<b>43</b>	<b>69</b>	<b>6.5</b>

## 3. Training of farmers and farm women in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OC	SOC	Total	M		F		Total		
				OC	SOC	OC	SOC	OC	SOC	
Horticulture	5	2	7	56	15	32	25	88	40	128
Livestock production and Management	5	-	5	41	-	46	-	87	-	87
Home science/women empowerment	1	-	1	-	-	20	-	20	-	20
Plant protection	5	-	5	38	-	52	-	90	-	90
Fisheries	1	-	1	16	-	14	-	30	-	30
Capacity building and group dynamics	8	-	8		-	160	-	160	-	160
<b>TOTAL</b>	<b>24</b>	<b>2</b>	<b>26</b>	<b>135</b>	<b>15</b>	<b>326</b>	<b>25</b>	<b>459</b>	<b>70</b>	<b>515</b>

#### 4. Training of farmers and farm women in Off Campus including sponsored programmes

Thematic area	No. of trainings			No. of participants						Grand total
	OF	SOF	T	M		F		T		
				OF	SOF	OF	SOF	OF	SOF	
Horticulture	3	-	3	29	-	30	-	59	-	59
Livestock production and management	3	-	3	34	-	41	-	75	-	75
Home science/women empowerment	4	2	6	9	6	71	45	86	25	131
Plant protection	-	2	2	-	12	-	36	-	48	48
Fisheries	4	-	4	-	66	-	11	-	77	77
Capacity building and group dynamics	3	-	3	10	-	55	-	65	-	65
<b>TOTAL</b>	<b>19</b>	<b>6</b>	<b>25</b>	<b>82</b>	<b>98</b>	<b>237</b>	<b>128</b>	<b>325</b>	<b>200</b>	<b>545</b>

OF-Off-Campus; SOF - Sponsored Off-Campus

#### 5. Training Rural Youth in On Campus including sponsored programmes

Thematic area	No. of trainings			No. of participants						Grand total
	OC	SOC	T	M		F		T		
				OC	SOC	OC	SOC	OC	SOC	
Vermi-culture	-	1	1	-	6	-	9	-	15	15
Nursery management of horticulture crops	-	1	1	-	5	-	10	-	15	15
Value addition	1	-	1	-	-	20	-	20	-	20
Post harvest technology	1	-	1	-	9	-	13	22	-	22
<b>Total</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>-</b>	<b>20</b>	<b>20</b>	<b>32</b>	<b>42</b>	<b>30</b>	<b>72</b>

OC- On-Campus; SOC- Sponsored On-Campus

#### 6. Training Rural Youth in Off Campus including sponsored programmes

Thematic area	No. of trainings			No. of participants						Grand total
	OF	SOF	T	M		F		T		
				OF	SOF	OF	SOF	OF	SOF	
Poultry production	1	-	1	-	14	24	-	24	-	24
Rural crafts	2	-	2	7	-	34	-	41	-	41
<b>Total</b>	<b>3</b>	<b>-</b>	<b>3</b>	<b>7</b>	<b>14</b>	<b>58</b>	<b>-</b>	<b>65</b>	<b>-</b>	<b>68</b>

#### 7. Training of extension personnel in On Campus including sponsored programmes

Thematic area	No. of trainings			No. of participants						Grand total
	OC	SOC	T	M		F		T		
				OC	SOC	OC	SOC	OC	SOC	
Women and Child care	1	-	1	-	-	20	-	20	-	20
<b>Total</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>20</b>	<b>-</b>	<b>20</b>	<b>-</b>	<b>20</b>

### 8. Training of extension personnel in On Campus including sponsored programmes

Thematic area	No. of trainings			No. of participants						Grand total
	OC	SOC	T	M		F		T		
				OC	SOC	OC	SOC	OC	SOC	
Management in farm animals (Pig)	1	-	1	21	-	7	-	28	-	28
Poultry production	1	-	1	21	-	7	-	28	-	28
<b>Total</b>	<b>2</b>	<b>-</b>	<b>2</b>	<b>42</b>	<b>-</b>	<b>14</b>	<b>-</b>	<b>56</b>	<b>-</b>	<b>56</b>

### 9. Vocational training programmes for Rural Youth

Crop / Enterprise	Duration (days)	Area of training	No. of participants		
			M	F	T
Flower	5	Income generation activities for empowerment of rural women	4	16	20
Cane	8	Rural crafts	4	16	20
<b>Total</b>			<b>8</b>	<b>32</b>	<b>40</b>

### 10. On Campus sponsored training programmes

Sl. No.	Beneficiary group (F/ FW / RY/ EP)	Duration (days)	Discipline	No. of participants			Sponsoring agency
				M	F	T	
1	F/FW	25	Horticulture	8	12	20	ASCI
2	F/FW	25	Horticulture	7	13	20	ASCI
3	RY	7	Horticulture	6	9	15	MANAGE
4	RY	7	Horticulture	5	10	15	MANAGE
5	RY	7	Fishery	16	14	30	MANAGE

F = Farmer, FW = Farm Women, RY = Rural Youth, EP = Extension Personnel

### 11. Special programmes undertaken financed by State Govt./Other agencies

Name of the scheme	Activity	Date/ Month of initiation	Funding agency	Amount (Rs.)
AICRP Cashew	Collection of local germplasm, variety trail of released varieties	2018-19	DCR-ICAR, Puttur	99000
Tribal Sub Plan (TSP)	Mushroom cultivation	2018-19	ICAR, Umiam	60000
NICRA	Field trials/demonstration, Method demonstration, scientific rearing of pigs etc.	2018-19	CRIDA, Hyderabad	347500
NFSM	Field trials/demonstration of oilseeds and pulses	2018-19	ATARI- VII, ICAR, Umiam	525660
NARI	Training and demonstration	2018-19	ATARI- VII, ICAR, Umiam	300000

## 12. Extension activities undertaken

Sl. No.	Extension Activity	No. of activities	No. of participants		
			M	F	T
1	Advisory services	870			870
2	Diagnostic visit	87	37	50	87
3	Field day	4	27	43	70
4	Group Discussion	45	72	220	292
5	Film show	24	46	67	113
6	SHG formation	2	-	40	40
7	Exhibition	4			Mass
8	Scientists visit to farmers fields	85	50	45	95
9	Plant/ Animal Health camp	1	31	8	39
10	Ex-trainee Sammelan	-	70	47	117
11	Farmers seminar/ workshop	7	37	27	64
12	Method demonstration	8			
13	Celebration of important days	10	89	71	160
14	Exposure visits	1	18	27	45
15	Electronic media (CD/DVD)	5	145	55	200
16	Extension literature	6			
17	Newspaper coverage	29			Mass
18	Popular articles	5			
19	Radio talk	2			Mass
20	Awareness camp	5	30	48	78
21	Lecture delivered as resource person	43	280	310	590
22	Farmer-scientist interaction	2	-	14	14
23	Soil test campaign	1	30	73	103
<b>Total</b>		<b>124</b>			<b>2977</b>

## 13. Production and supply of seed materials

Seed/planting materials	Quantity (q) produced	Quantity (q) supplied	Value (Rs.) of quantity produced	Total no. of beneficiaries
Oilseeds	3.00	2.25	20250	2
Planting Material	Quantity (In No.) produced	Quantity (In No.) supplied	Value (Rs.) of quantity produced	Total no. of beneficiaries
Vegetables	190000	90500	81000	55
Bio-products	Species	Quantity (q)	Value (Rs.) of quantity produced	Total no. of beneficiaries
Bio Fertilizers	<i>E.foetida/ E. eugenia</i>	1.00	5000	5
Livestock	Breed	Quantity (In No.)	Value (Rs.) of quantity produced	Total no. of beneficiaries





Piggery	Hampshire cross	12	48000/-	4
Poultry	CARI Priya	150	7500/-	6
Duck	Khaki Campbell	50	15000/-	10
<b>Total</b>		<b>212</b>	<b>70500</b>	<b>20</b>

## KRISHI VIGYAN KENDRA, DIMAPUR

**K**VK Dimapur had tested six technologies through 44 trials at 62 farmer's field and demonstrated five technologies at 21 villages covering 74 ha area at 1160 farmers' field during the period under report. KVK Dimapaur conducted 56 training programme for 1016, 13 training for 235 rural youths, 9 training for 334 extension personnel and 7

vocational training for 121 rural youths. It had also conducted 3 skill development training programme for 73 participants during the period under report. About 202 other extension activities were conducted for 11627 beneficiaries and 162q seeds and 25038 planting materials produced. About 180 messages for 6899 farmer's/farm women and rural youths for the benefits in farming communities.

### 1. On-Farm Testing (OFT) conducted

Sl. No.	Discipline	Crop/ Enterprise	Name of technology assessed	No. of trials	Number of farmers
1	Soil Science / Agronomy	Rice	Nutrient management in rice (var. RCM-12) under rice-toria cropping system.	6	12
		Rice	Nutrient management in rice (Pusa sugandh-5) under rice-pea cropping system.	6	
2	Plant protection	Ginger	Application of BIOTIME for the management of soft rot disease in ginger	8	22
		Cabbage	IPM in cabbage	6	
3	Home science	Papaya	Value addition in Papaya.	6	50
4	Animal science	Piggery	Estrus synchronisation and fixed time insemination in pig	12	12
<b>Total</b>				<b>44</b>	<b>62</b>

### 2. Frontline demonstrations (FLD) conducted

Sl. No	Crop / Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area (in ha)
1	Toria	Biofertilizer application	6	70	30
2	Linseed	Biofertilizer application	3	40	20
3	Maize	Furrow lime application @ 500 kg/ha	4	10	4
4	Toria	Toria var. TS-67 (45:22.5:30 kg/ha. NPK + Azotobacter & PSB 40g/kg seed)	4	20	10
5	Pea	Nutrient management in field pea var. prakash (20:60:20 kg/ha NPK)	4	20	10
<b>Total</b>			<b>21</b>	<b>160</b>	<b>74</b>

### 3. Training of farmers and farm women in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	On	Sp. On	Total	Male		Female		Total		
				On	Sp. On	On	Sp. On	On	Sp. On	
Crop production	1	0	1	2	0	29	0	31	0	31
Livestock production and management	1	0	1	28	0	02	0	30	0	30
<b>Total</b>	<b>02</b>	<b>0</b>	<b>02</b>	<b>30</b>	<b>0</b>	<b>31</b>	<b>0</b>	<b>61</b>	<b>0</b>	<b>61</b>

On- On-Campus; Sp. On- Sponsored On-Campus

### 4. Training of farmers and farm women in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp. Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off*	
Crop Production	3	1	4	21	0	61	13	82	13	95
Soil Health and Fertility Management	9	0	9	137	0	95	0	232	0	232
Livestock Production and Management	11	0	11	85	0	197	0	282	0	282
Home Science/Women empowerment	7	0	7	24	0	206	0	230	0	230
Plant Protection	4	0	4	1	0	115	0	116	0	116
<b>Total</b>	<b>34</b>	<b>1</b>	<b>35</b>	<b>268</b>	<b>0</b>	<b>674</b>	<b>13</b>	<b>942</b>	<b>13</b>	<b>955</b>

Off- Off-Campus; Sp. Off- Sponsored Off-Campus

### 5. Training of Rural Youth in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	On	Sp.On	Total	Male		Female		Total		
				On	Sp. On	On	Sp. On	On	Sp. On	
Mushroom Production	1	0	1	10	0	0	0	10	0	10
Vermi-culture	1	1	2	8	12	7	3	15	15	30
<b>Total</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>18</b>	<b>12</b>	<b>7</b>	<b>3</b>	<b>25</b>	<b>15</b>	<b>40</b>

### 6. Training of Rural Youth in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Mushroom Production	2	0	2	25	0	32	0	57	0	57
Vermi-culture	1	1	2	11	8	16	20	27	28	55
Value addition	2	0	2	5	0	33	0	38	0	38
Rabbit farming	1	0	1	10	0	15	0	25	0	25
Poultry production	1	0	1	12	0	8	0	20	0	20
<b>Total</b>	<b>7</b>	<b>1</b>	<b>8</b>	<b>63</b>	<b>8</b>	<b>104</b>	<b>20</b>	<b>167</b>	<b>28</b>	<b>195</b>

### 7. Training of extension personnel in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand Total
	On	Sp. On	Total	Male		Female		Total		
				On	Sp. On	On	Sp. On	On	Sp. On	
Pig production management	2	0	2	42	0	3	0	45	0	45
<b>Total</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>42</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>45</b>	<b>0</b>	<b>45</b>

### 8. Training of extension personnel in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Household food security/ Value addition	4	0	4	12	0	107	0	119	0	119
Biological control of insect pest and diseases	1	0	1	0	0	34	0	34	0	34
Estrus synchronization and artificial insemination in pig	1	0	1	0	0	34	0	34	0	34
Backyard poultry	1	0	1	102	0	96	0	6	0	102
<b>Total</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>114</b>	<b>0</b>	<b>271</b>	<b>0</b>	<b>193</b>	<b>0</b>	<b>289</b>

### 9. Vocational training programmes for Rural Youth

Crop / Enterprise	Duration (days)	Area of training	No. of participants		
			M	F	T
Fruits and vegetables	6	Post-harvest management	0	20	20
Fish production	6	IFS	15	1	16
Fish production	25	Composite fish culture	10	10	20
Flower production	25	Protected cultivation	4	16	20
Fish production	7	Composite fish culture	8	7	15
Bio pesticides production	7	Bio pesticides production	5	10	15
Value addition	7	Income generation activities for empowering rural youth and women	0	15	15
<b>Total</b>			<b>42</b>	<b>79</b>	<b>121</b>

### 10. On campus sponsored training programme

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)	Duration (days)	Discipline	No. of participants			Sponsoring agency
				M	F	T	
1	RY	25	Soil science	12	3	15	ASCI

F = Farmer, FW = Farm Women, RY = Rural Youth, EP = Extension Personnel

### 11. Off campus sponsored training programme

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)	Duration (days)	Discipline	No. of participants			Sponsoring agency
				M	F	T	
1	RY	6	Soil science	08	20	28	MANAGE
2	RY	6	Plant Protection	13	17	30	MANAGE

### 12. Extension activities undertaken

Sl. No.	Extension Activity	No. of activities	No. of participants		
			M	F	T
1	Advisory services	0	0	0	0
2	Diagnostic visit	13	8	9	17
3	Field day	5	135	210	345
4	Group discussion	15	6	29	35
5	Kishan Gosthi	0	0	0	0
6	Kishan Mela	0	0	0	0
7	Film show	11	106	55	161
8	SHG formation	0	0	0	0
9	Exhibition	7	2888	2192	5080
10	Scientists visit to farmers fields	67	136	175	311

11	FARMERS visits to KVK	13	44	94	138
12	Plant/ animal health camp	1	11	20	31
13	Farm science club	0	0	0	0
14	Farmers seminar/ workshop	0	0	0	0
15	Method demonstration	15	112	89	201
16	Celebration of important days	10	427	411	838
17	Exposure visits	3	48	18	66
18	Soil health camp	0	0	0	0
19	Awareness camp	1	50	10	60
20	Any other (Please specify)	3	42	113	155
<b>Extension activities through publication</b>					
1	Electronic media (CD/DVD)	2	200	100	300
2	Extension literature	0	0	0	0
3	Newspaper coverage	14	1200	800	2000
4	Popular articles	4	600	600	1200
5	Radio talk	0	0	0	0
6	Training manual	0	0	0	0
7	Lecture delivered as resource person	13	166	157	323
8	Farmer-scientist interaction	5	138	228	366
9	Mahila mandal convener meet	0	0	0	0
	<b>Grand Total</b>	<b>202</b>			<b>11627</b>

### 13. Production and supply of seed materials

A.	Seed Materials	Quantity (qt)	Value (Rs.)	Total no. of beneficiaries
1	Cereals	91	318500	50
2	Oilseeds	66	396000	-
3	Pulses	1	6000	-
4	Vegetables	-	-	-
5	Flower Crops	-	-	-
6	OTHERS (SPICES)	4.11	8240	-
	<b>Total</b>	<b>162.11</b>	<b>54810</b>	<b>170</b>
B.	Planting material	Quantity (In No.)	Value (Rs.)	Total no. of beneficiaries
7	Fruits	2078	34470	4
8	Vegetables	22960	9725	20
	<b>Total</b>	<b>25038</b>	<b>44195</b>	<b>24</b>



Exhibition under ATMA Dimapur during the Republic day celebration 26.01.2019



Field day on Toria



Group discussion



Celebration of World Soil Day on 5.12.2018

## KRISHI VIGYAN KENDRA, EAST SIKKIM

**K**VK East Sikkim had tested eleven technologies through 17 trials at 70 farmers field and demonstrated seven technology covering 14.8 ha area in 32 villages at 129 farmers field in the district. KVK had also conducted 71 training programme for 2135 beneficiaries of which 56 training for 1767 farmers/farm women, 13 training

for 328 rural youths and 2 for 40 extension personnel. It had also reported that a total of 152.27 q seeds, 3000 planting materials and 92 poultry bird produced and distributed to farmers of East Sikkim. About 502 other extension activities were undertaken for the benefit of 10234 beneficiaries during the period under report.

### 1. On-Farm Testing (OFT) conducted

Sl. No	Discipline	Crop/ Enterprise	Name of technology assessed	No. of trials	Number of farmers
1	Agronomy	Cropping system	Evaluation of maize+beans-Vegetable pea under rainfed condition	1	4
2	Plant Breeding	Maize (Vivek Sankul 31 & <i>pahelo makkai</i> )	Evaluation of improved variety of composite maize	3	12
		Rice (Pusa sugnagha 6 and Local thulo Attey)	Evaluation improved varieties of rice under conventional system		
		Rajmash (Tripura Rajmash Selection 1 & local)	Screening of improved variety of Rajmash in hill ecosystem		
3	Horticulture	Ginger	Comparative study of ginger cultivars/varieties for quality traits	3	42
		Tomato	Performance of Arka Rakshak under organic package of practices	3	
		Broccoli (Marathon) / Coriander (RCR 723) -Cabbage (Rare Ball) Fenugreek (Local)	Vegetable cropping sequence under low cost plastic tunnel	3	
4	Animal Science	Pig	Scientific pig production under deep litter housing system	04	70
		Vanaraja poultry	Performance of Vanaraja poultry birds with periodic supplementation of vitamins and calcium		
		Newborn piglets	Creep area with heat source to prevent pre-weaning mortality of piglets due to cold stress		
		Berseem (fodder) cultivation	Performance of intercropping of green fodder during winter season (Berseem + Gobi Sarson)		
<b>Total</b>				<b>17</b>	<b>70</b>



## 2. Frontline demonstrations (FLD) conducted

Sl. No	Crop/ Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area in ha
1	Zero-till vegetable pea	Zero - till vegetable pea cultivation in rice-fallow	04	26	3.6
2	Maize	Organic seed production of composite maize	05	25	4.5
3	Rice	Quality seed production of rice	04	10	2.0
4	Black gram	Quality seed production of black gram	06	22	2.5
5	Vegetable pea	Quality seed production of vegetable pea (no-till) in rice fallow	05	18	1.2
6	Vegetable pea	Production technology of vegetable pea	04	14	0.5
7	Ginger	Production technology of ginger	04	14	0.5
<b>Total</b>			<b>32</b>	<b>129</b>	<b>14.8</b>

## 3. Training of farmers and farm women in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	On	Sp. On	Total	Male		Female		Total		
				On	Sp. On	On	Sp. On	On	Sp. On	
Crop Production	2	-	2	18	-	28	-	46	-	46
Horticulture	-	2	2	-	23	-	17	-	40	40
<b>Total</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>18</b>	<b>23</b>	<b>28</b>	<b>17</b>	<b>46</b>	<b>40</b>	<b>86</b>

On- On-Campus; Sp. On- Sponsored On-Campus

## 4. Training of farmers and farm women in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp. Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off*	
Crop Production	29	2	31	336	15	479	28	815	43	858
Horticulture	15	-	15	253	-	391	-	644	-	644
Livestock Production and Management	6	-	6	107	-	72	-	179	-	179
<b>Total</b>	<b>50</b>	<b>2</b>	<b>52</b>	<b>696</b>	<b>15</b>	<b>942</b>	<b>28</b>	<b>1638</b>	<b>43</b>	<b>1681</b>

Off- Off-Campus; Sp. Off- Sponsored Off-campus

### 5. Training of Rural Youth in On Campus including sponsored programmes

Thematic area	No. of courses			No of participants						Grand total
	On	Sp. On	Total	Male		Female		Total		
				On	Sp. On	On	Sp. On	On	Sp. On	
Seed production	1	1	2	6	8	13	14	19	22	41
Para vets	1	-	1	18	-	-	-	18	-	18
<b>Total</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>24</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>37</b>	<b>22</b>	<b>59</b>

### 6. Training of Rural Youth in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Seed production	2	1	3	14	7	30	14	44	21	65
Vermiculture	1	-	1	12	-	13	-	25	-	25
Nursery Management of Horticulture crops	3	-	3	40	-	35	-	75	-	75
Dairying	1	-	1	20	-	24	-	44	-	44
Piggery	1	-	1	25	-	16	-	41	-	41
Poultry production	1	-	1	8	-	11	-	19	-	19
<b>Total</b>	<b>9</b>	<b>1</b>	<b>10</b>	<b>119</b>	<b>7</b>	<b>129</b>	<b>14</b>	<b>248</b>	<b>21</b>	<b>269</b>

### 7. Training of extension personnel in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Management in farm animals	1	-	1	16	-	4	-	20	-	20
Livestock feed and fodder production	1	-	1	15	-	5	-	20	-	20
<b>Total</b>	<b>2</b>	<b>-</b>	<b>2</b>	<b>31</b>	<b>-</b>	<b>9</b>	<b>-</b>	<b>40</b>	<b>-</b>	<b>40</b>

### 8. On campus sponsored training programme

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)	Duration (days)	Discipline	No of participants		
				M	F	T
1	RY, F&FW	6	Plant Breeding	50	95	145
2	RY, F&FW	9	Animal Science	30	25	55

F = Farmer, FW = Farm Women, RY = Rural Youth, EP = Extension Personnel

### 9. Off campus sponsored training programme

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)	Duration (days)	Discipline	No. of participants		
				M	F	T
1	F&FW	10	Agronomy	159	186	345
2	RY, F&FW	22	Plant Breeding	202	377	579
3	RY, F&FW	11	Horticulture	192	214	406
4	RY, F, F&FW	30	Animal Science	160	124	284

### 10. Other extension activities undertaken

Sl. No.	Extension Activity	No. of activities	No. of participants		
			Male	Female	Total
1	Advisory services	211	510	423	933
2	Diagnostic visit	54	272	245	517
3	Field day	1	35	32	67
4	Group Discussion	31	232	166	395
5	Kisan gosthi	1	0	28	28
6	Kisan mela	2	1067	917	1984
7	Film show	2	38	27	65
8	Exhibition	4	0	0	3114
9	Scientists visit to farmers fields	134	342	510	852
10	Plant/Animal health camp	0	55	28	83
11	Farmers/school dropout visit to KVK	0	210	229	439
12	Method demonstration	23	203	284	487
13	Celebration of important days	6	0	0	225
14	Exposure visits	0	0	59	59
15	Soil health camp	1	0	0	0
16	Any other (Please specify)	0	17	23	40
<b>Total</b>		<b>470</b>	<b>2981</b>	<b>2971</b>	<b>9288</b>
<b>Extension activities through publication</b>					
17	Newspaper coverage	19	0	0	19
18	TV talk/ progs	2	0	0	0
19	Lecture delivered as resource person	7	96	100	706
20	Farmer-scientist interaction	4	89	232	221
<b>Total</b>		<b>32</b>	<b>185</b>	<b>332</b>	<b>946</b>
<b>Grand Total</b>		<b>502</b>	<b>3166</b>	<b>2202</b>	<b>10234</b>

### 11. Production and supply of seed materials

A.	Seed Materials	Quantity (qt)	Value (Rs.)	Total no. of beneficiaries		
1	Cereals	84.12	165158	205		
2	Oilseeds	31	112120	-		
3	Pulses	39.15	334125	119		
<b>Total</b>		154.27	611403	324		
B.	Planting Material	Quantity (No. in Lakh)		Value (Rs.)	Total no. of beneficiaries	
4	Vegetables	0.03		3000/-	20	
<b>Total</b>		0.03		3000/-	20	
C.	Livestock	Breed	Quantity		Value (Rs.)	Total no. of beneficiaries
			Nos	(kg)		
5	Poultry	Vanaraja	92	182.2	40,084/-	30



Training on Backyard poultry



Demonstration on Red Cherry Pepper

## KRISHI VIVYAN KENDRA, HAILAKANDI

**K**VK Hailakandi Assam had tested seven technologies through 40 different trials at 35 farmers field and seven technologies demonstrated in four villages covering 9.8 ha area and 19 units at 102 farmers field during the period under report. About 125 training programmes were conducted for the benefit of 5603 beneficiaries, out of which 118 training programme for practicing farmers, 5 training for rural youths and one each for extension personnel and vocational training programme were conducted. During Krishi Kalyan Abhiyan Phase I & II, a total of 93 training programme were conducted

for the benefit of 4654 farm women/rural youth and 2262 Soil Health Cards were also distributed. Others extension activities like field days, advisory services, diagnostic visit, exhibition, melas etc. was organized for 8681 beneficiaries by 430 activities during the period under report. About 108 messages were sent to 600 farmers and produced 16 q seeds and 280025 numbers of planting materials for the benefit of farming communities. KVK Hailakandi generated income of Rs. 9000.00 were through revolving fund during the period under report.

### 1. On- Farm Testing (OFT) conducted

Sl. No.	Discipline	Crop/ Enterprise	Name of technology assessed	No. of trials	Number of farmers
1	Horticulture	Areca nut	Nutrient management in areca nut	7	14
		Papaya	Performance evaluation of papaya var. Pusa Nanha	7	
		Areca nut	Evaluation of high yielding variety of areca nut var- Kahikuchi- 1	5	
2	SWCE	Low cost poly tunnel	Low cost poly tunnel on summer & winter vegetables	5	5
3	Animal Science	Poultry	Backyard poultry rearing with improved germplasm Var. Srinidhi	6	16
		Duckery	Duck rearing for meat purpose Breed: White Pekin	5	
		Integrated Farming	Poultry-fish integrated farming	5	
<b>Total</b>				<b>40</b>	<b>35</b>

### 2. Frontline demonstrations (FLD) conducted

Sl. No	Crop/ Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area (in ha)
1	Hand operated winnower	Performance in Paddy	4	25	4 units
2	Knol-khol	Varietal evaluation	-	20	2.0
3	Chilli	Varietal evaluation	-	20	2.0
4	Chilli	Water management	-	05	0.8

5	Brush cutter cum reaper	Performance in Paddy	-	12	1.5
6	Poultry	Backyard poultry of Var. Vanaraja	-	15	15 units
7	Fodder	Cultivation of winter fodder Oat	-	5	5.0
<b>Total</b>			<b>4</b>	<b>102</b>	<b>9.8 ha/19 units</b>

### 3. Training of farmers and farm women in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OC	SOC	T	M		F		T		
				OC	SOC	OC	SOC	OC	SOC	
Horticulture	3	4	7	58	48	16	101	74	149	223
Animal Science	3	0	3	36	0	54	0	90	0	90
Agril. Engineering	1	2	3	28	59	0	41	28	100	128
Production of inputs at site	0	1	1	0	7	0	13	0	20	20
<b>Total</b>	<b>7</b>	<b>7</b>	<b>14</b>	<b>122</b>	<b>114</b>	<b>70</b>	<b>155</b>	<b>192</b>	<b>269</b>	<b>461</b>

OC-On-Campus; SO-Sponsored On-Campus

### 4. Training of farmers and farm women in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OF	SOF	T	M		F		T		
				OF	SOF	OF	SOF	OF	SOF	
Horticulture	5	37	42	66	1121	60	686	126	1807	1933
Animal Science	5	34	39	127	1545	16	181	143	1726	1869
Agril. Engineering	3	20	23	104	873	4	96	83	1019	1102
<b>Total</b>	<b>13</b>	<b>91</b>	<b>104</b>	<b>297</b>	<b>3539</b>	<b>80</b>	<b>963</b>	<b>352</b>	<b>4552</b>	<b>4904</b>

OF-Off-Campus; SOF-Sponsored Off-Campus

### 5. Training Rural Youth in On Campus including sponsored programme

Thematic area	No. of courses			No. of participants						Grand total
	OC	SOC	T	M		F		T		
				OC	SOC	OC	SOC	OC	SOC	
Soil health management	1	0	1	5	0	10	0	15	0	15
<b>Total</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>15</b>

## 6. Training of Rural Youth in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OF	SOF	T	M		F		T		
				OF	SOF	OF	SOF	OF	SOF	
Protected cultivation of vegetable crops	1	0	1	5	0	20	0	25	0	25
Micro-irrigation	0	3	3	0	149	0	3	0	152	152
<b>Total</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>149</b>	<b>20</b>	<b>3</b>	<b>25</b>	<b>152</b>	<b>177</b>

## 7. Training of extension personnel in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OF	SOF	T	M		F		T		
				OF	SOF	OF	SOF	OF	SOF	
Protected cultivation technology	1	0	1	20	0	0	0	20	0	20
<b>Total</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>20</b>

## 8. Vocational training programmes for Rural Youth

Crop / Enterprise	Duration (days)	Area of training	No. of participants		
			M	F	T
Fruit crops	3	Planting material production	23	3	26

## 9. On campus sponsored training programme

Sl. No	Beneficiary group (F/ FW/ RY/ EP)	Duration (days)	Discipline	No. of participants			Sponsoring agency
				M	F	T	
1	PF	1	Field Crops	5	75	80	Govt. of India under NFSM & NMOOP
2	PF	1	Field crops	25	24	49	Govt. of India under NFSM & NMOOP
3	PF	30	Vermicomposting	18	2	20	ASCI
4	PF	30	Horticulture	7	13	20	ASCI
5	F/FW	1	SWCE	28	22	50	KKA-II
6	F/FW	1	SWCE	31	19	50	

\*F = Farmer, FW = Farm Women, RY = Rural Youth, EP = Extension Personnel

### 10. Training programme conducted under Krishi Kalyan Abhiyan Phase I & II

Sl. No.	Discipline	No. of training programme	No. of participants		
			M	F	T
1	Animal science	48	1960	439	2399
2	Horticulture	22	654	446	1100
3	Field crops	1	5	29	34
4	Soil & water conservation	22	1023	100	1121
<b>Total</b>		<b>93</b>	<b>3642</b>	<b>1014</b>	<b>4654</b>

### 11. Extension activities undertaken

Sl. No.	Extension activity	No. of activities	No of participants		
			M	F	T
1	Advisory services	107	552	146	698
2	Diagnostic visit	55	179	62	241
3	Field day	7	56	42	103
4	Group discussion	16	225	63	288
5	Film show	11	160	233	393
6	Celebration of important days	3	70	82	152
7	Exposure visit	2	25	15	40
8	Scientists visit to farmers fields	105	434	87	521
9	Method demonstration	22	309	129	438
10	Newspaper coverage	4	-	-	-
11	Lecture delivered as resource person	50	2220	900	3133
12	Animal health & vaccination camp	5	209	23	232
13	Mahila Mandal convener meet	1	0	16	16
14	Farmers visit to KVK		901	289	1190
15	Extension literature	33	854	373	1227
16	Technical bulletin	1	-	-	1
17	Technical report	1	-	-	1
18	Newsletter	1	-	-	1
19	Folder	6	-	-	6
<b>Total</b>		<b>430</b>	<b>6194</b>	<b>2460</b>	<b>8681</b>

### 12. Production and supply of seed materials

A.	Seed materials	Quantity (q) produced	Value (Rs.) of quantity produced	Total no. of beneficiaries
1	Cereals	9.5	28900.00	106
2	Oilseeds	120.0	78000.00	53
3	Pulses	85.8	73350.00	63
4	Others	1.0	3000.00	43
<b>Total</b>		<b>216.3</b>	<b>183250.00</b>	<b>265</b>





<b>B.</b>	<b>Planting material</b>	<b>Quantity (In No.) produced</b>		<b>Value (Rs.) of quantity produced</b>	<b>Total no. of beneficiaries</b>
5	Fruits	4275		50916.00	140
6	Spices	16 q		35200.00	26
7	Vegetables	250750		250750.00	153
8	Others	25000		12500.00	33
<b>Total</b>		<b>280025 &amp; 16 q</b>		<b>349366.00</b>	<b>352</b>
<b>C.</b>	<b>Bio-products</b>	<b>Species</b>	<b>Quantity</b>	<b>Value (Rs.)</b>	<b>Total no. of beneficiaries</b>
9.	Bio Agent	E.foetida	15000 number	7500.00	17
	<b>Vermicompost</b>		40q	40000.00	48
<b>D.</b>	<b>Livestock</b>	<b>Breed</b>	<b>Quantity</b>	<b>Value (Rs.)</b>	<b>Total no. of beneficiaries</b>
10	Poultry	Vanaraja	705	71400.00	71
11	Duck	Khaki Campbell	160	28800.00	20
12	Goat	Assam Hill Goat	8	800.00	8

## KRISHI VIGYAN KENDRA, IMPHAL WEST

**K**VK Imphal West had tested twelve technologies through 44 trials at 33 farmers field and demonstrated 16 technologies covering 67 ha area and 403 units at 173 farmers field during the period under report. About 231 training programme were conducted for 1202 beneficiaries out of which 8 training programme for 163 rural youths.

KVK Imphal West produced 780.5 q seeds and 6500 planting materials. Other extension activities organized 639 for the benefit of 8646 farmers/farm women, rural youths extension personnel etc. and sent 392 messages to 2430 farmers. KVK Imphal West generated income of Rs. 15710.00 through revolving funds.

### 1. On-Farm Testing (OFT) conducted

Sl. No.	Discipline	Crop/ Enterprise	Name of technology assessed	No. of trials	Number of farmers
1	Horticulture	Cucurbits	Management of fruit fly in cucurbits with pheromon trap	3	6
		King chilli	Ecological engineering based integrated viral disease management module for king chili	3	
2	Soil Science /Agronomy	Cropping systems	Evaluation of rice based cropping systems for increasing productivity and profitability.	3	3
		Rapeseed & mustard	Performance of rapeseed & mustard varieties under zero tillage condition.	3	
3	Plant Breeding	Rice	Varietal performance of aromatic rice var. Pusa 1509	3	6
		Cropping sequence	Assessment of rice-linseed cropping sequence in Manipur valley.	3	
4	Agricultural Engineering	Value addition	Evaluation of biomass heat generated dryer for chilli /turmeric	3	6
		Drudgery reduction	Evaluation of back mounted motorised reaper for paddy	3	
5	Animal Science	White pekin broiler duck	Performance of White pekin broiler duck	5	10
		Kamrupa	Performance of dual purpose poultry breeds Kamrupa for backyard poultry	5	
6	SWCE	Cabbage/ Cauliflower	Assessment of different mulching system in tomato and cabbage/ broccoli/cauliflower	6	2
		Tomato	Low cost poly tunnel for off season tomato production	4	
<b>Total</b>				<b>44</b>	<b>33</b>

## 2. Frontline demonstrations (FLD) conducted

Sl. No	Crop/ Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area (in ha)
1	Rapeseed	Variety NRCHB101	-	13	10.0
2	Field Pea	Variety Aman	-	5	6.0
3	Pea (Seed Production)	Variety Makhyatmubi	-	2	0.25
4	Paddy	RC Maniphou-10, RC Maniphou-12, RC Maniphou-13	-	49	25
5	Mushroom	Oyster Mushroom	2	50	3 units
6	Poultry	Poultry management of Vanaraja	-	10	200 units
7	Duckery	Poultry management of Khaki Campbell	-	10	200 units
8	Drip Irrigation	Performance low cost drip irrigation through gravity in horticultural crops	2	2	0.25
9	Power Thresher	Power operated paddy thresher for drudgery reduction	2	2	0.50
10	Direct Paddy seeder	Line sowing of paddy with pre-germinated seed	5	10	10
11	Conoweeder	Weeding with conoweeder for labour saving	5	10	10
12	Paddy reaper	Back mounted motorized paddy reaper	-	10	5.0
<b>Total</b>			<b>16</b>	<b>173</b>	<b>67 ha/403 unit</b>

## 3. Training of farmers and farm women in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OC	SOC	T	M		F		T		
				OC	SOC	OC	SOC	OC	SOC	
Crop production	9	2	11	137	26	32	4	169	30	144
Horticulture	1	1	2	6	4	14	11	20	15	35
Soil health and fertility management	2	0	2	30	0	10	0	40	0	40
Livestock production and management	4	1	5	72	13	10	7	82	20	102
Home Science/women empowerment	113	72	188	313	0	80	0	391	0	391
Agril. Engineering	2	0	2	38	0	5	0	43	0	43
Production of inputs at site	1	0	1	11	0	4	0	15	0	15
<b>Total</b>	<b>132</b>	<b>76</b>	<b>211</b>	<b>607</b>	<b>43</b>	<b>155</b>	<b>22</b>	<b>760</b>	<b>65</b>	<b>770</b>

OC-On-Campus; SOC-Sponsored On-Campus

#### 4. Training of farmers and farm women in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OF	SOF	T	M		F		T		
				OF	SOF	OF	SOF	OF	SOF	
Crop production	3	1	3	52	13	12	15	44	53	92
Horticulture	5	0	5	53	0	49	0	102	0	102
Agril. engineering	2	--	2	20	--	20	--	40	--	40
Plant protection	1	0	1	25	0	0	0	25	0	25
<b>Total</b>	<b>11</b>	<b>1</b>	<b>11</b>	<b>150</b>	<b>13</b>	<b>81</b>	<b>15</b>	<b>211</b>	<b>53</b>	<b>259</b>

OF-Off-Campus; SOF-Sponsored Off-Campus

#### 5. Training Rural Youth in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OC	SOC	T	M		F		T		
				OC	SOC	OC	SOC	OC	SOC	
Seed production	-	1	1	-	13	-	2	-	15	15
Production of organic inputs	1	1	2	11	13	4	2	15	15	30
Protected cultivation of vegetable crops	1	-	1	11	-	13	-	24	-	24
Poultry production	3	-	3	47	-	13	-	60	-	60
<b>Total</b>	<b>5</b>	<b>2</b>	<b>7</b>	<b>69</b>	<b>26</b>	<b>30</b>	<b>4</b>	<b>99</b>	<b>30</b>	<b>129</b>

#### 6. Training of Rural Youth in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OF	SOF	T	M		F		T		
				OF	SOF	OF	SOF	OF	SOF	
Mushroom Production		1	1	-	4	-	30	-	34	34

#### 7. Training of extension personnel in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OC	SOC	T	Male		Female		Total		
				OC	SOC	OC	SOC	OC	SOC	
Management in farm animals	1	-	1	1	9	0	1	0	10	10

## 8. On campus sponsored training programmes

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)*	Duration (days)	Discipline	No. of participants			Sponsoring agency
				M	F	T	
1	RY	7	Plant Breeding	13	2	15	MANAGE Hyderabad
2	F/ FW	2	Agronomy	13	2	15	NSFM
3	RY	7	Agronomy	11	4	15	MANAGE

\*F = Farmer, FW = Farm Women, RY = Rural Youth, EP = Extension Personnel

## 9. Off campus sponsored training programmes

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)*	Duration (days)	Discipline	No. of participants			Sponsoring agency
				M	F	T	
1	RY	4	Plant Breeding	4	30	34	NEC Patsoi
2	F/ FW	1	Plant Breeding	13	15	28	ISP

\*F = Farmer, FW = Farm Women, RY = Rural Youth, EP = Extension Personnel

## 10. Production and supply of seed materials

A.	Seed Materials	Quantity (qt)	Value (Rs.)		Total no. of beneficiaries	
1	Cereals	425	13600		-	
2	Oilseeds	200	160000		-	
3	Vegetables	155.5	93000		-	
<b>Total</b>		<b>780.5</b>	<b>266600</b>		<b>-</b>	
B.	Planting Material	Quantity (Quntal)/ Numbers (In Lakh)			Value (Rs.)	Total no. of beneficiaries
4	Vegetables	0.065			30680	-
<b>Total</b>		<b>0.065</b>			<b>30680</b>	<b>-</b>
C.	Bio-products	Species	Quantity		Value (Rs.)	Total no. of beneficiaries
			Nos	(qt)		
5	Bio Fertilizers	E.foetida	13000	0.57	8855	-
6	Bio agents	Trichoderma		0.51	15300	-
<b>Total</b>			<b>13000</b>	<b>1.08</b>	<b>24155</b>	<b>-</b>
D.	Livestock	Breed	Quantity in nos.		Value (Rs.)	Total no. of beneficiaries
7	Duckery	Khaki Campbell	400		35000	-
<b>Total</b>			<b>400</b>		<b>35000</b>	<b>20</b>

## 11. Extension activities undertaken

Sl. No.	Extension activity	No. of programme	No. of participants		Grand total
			Male	Female	
A.	<b>Extension activities</b>				
1	Diagnostic visits	45	144	32	176
2	Advisory services	216	287	80	367

3	Animal health camp	2	152	50	202
4	Training/ practical manual	12	-	-	432
5	Celebration of important days	8	633	351	984
6	Exhibition	3	58	72	130
7	Exposure visits	3	41	6	45
8	Farm science club conveners meet	35	455	538	993
9	Farmers visit to KVK	-	2111	361	2472
10	Field day	4	102	74	176
11	Group meetings/ discussion	36	-	-	425
12	Awareness camp	10	-	-	550
13	Kisan Gosthi	2	-	-	250
14	Kisan Mela	3	-	-	300
15	Method demonstrations	15	-	-	76
16	Scientists visit to farmers field	150	-	-	690
17	Self Help Group conveners meetings	5	-	-	125
18	Soil health/ testing campaigns	5	-	-	108
19	Film show	12	-	-	145
	<b>Total</b>	<b>566</b>	<b>3983</b>	<b>1564</b>	<b>8646</b>
B.	<b>Other Extension Activities</b>	-	-	-	-
1	News paper coverage	10	-	-	-
2	Research papers	10	-	-	-
3	Radio talks	10	-	-	-
4	TV Talks	12	-	-	-
5	Literature delivered to resource person	25	-	-	-
6	Leaflets/folders	6	-	-	-
	<b>Total</b>	<b>73</b>	-	-	-
	<b>Grand total (A+B)</b>	<b>639</b>	-	-	-

## KRISHI VIGYAN KENDRA, KIPHIRE

**K**VK Kiphire Nagaland had tested two technology through 6 trials at 6 different farmers field during the period under report. It had also reported that 64 training programme was conducted for the benefit of 1746 farmers and farm

women. One skill development training programme was conducted for 25 days for the benefit of 10 rural youths. KVK Kiphire had also organized 254 other extension activities for the benefit of 6902 beneficiaries.

### 1. On –Farm Testing (OFT) conducted

Sl. No.	Discipline	Crop/ Enterprise	Name of technology assessed	No. of trials	Number of farmers
1	Agronomy	Rice and toria	Performance of rice var. Pusa Sugand-5 and toria var. TS-38 in rice-toria cropping system	3	6
		Pea	Performance of field pea var-Prakash in rice-pea system	3	

### 2. Training of farmers and farm women in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Crop production	-	12	12	303	-	25	-	328	-	328
Horticulture	-	14	14	197	-	110	-	307	-	307
Home Science/Women empowerment	-	24	24	353	-	287	-	640	-	640
Agril. Engineering	-	1	1	50	-	-	-	50	-	50
Plant protection	-	13	13	247	-	94	-	341	-	341
Fisheries	-	2	2	64	-	16	-	80	-	80
<b>Total</b>	-	<b>66</b>	<b>66</b>	<b>1214</b>		<b>110</b>		<b>1746</b>	-	<b>1746</b>

OF-Off-Campus; Sp. Off-Sponsored Off-Campus

### 3. On campus sponsored training programme for Rural Youths

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)*	Duration (days)	Discipline	No. of participants			Sponsoring agency
				M	F	T	
1	RY	25	Plant protection	10	-	10	ASCI

F = Farmer, FW = Farm Women, RY = Rural Youth, EP = Extension Personnel

#### 4. Extension activities undertaken

Sl. No.	Extension Activity	No. of activities	No. of participants		
			M	F	T
1	Diagnostic visit	32	35	30	65
2	Seed distribution	1	1000	0	1000
3	Field day	16	0	0	49
4	Group discussion	11	0	0	214
5	KMAS	14	0	0	350
6	Kisan Mela	1	200	200	400
7	SHG formation	5	0	25	25
8	Exhibition	1	100	100	200
9	Scientists visit to farmers fields	13	0	0	67
10	Animal health and vaccination camp	59	0	0	3396
11	Mithun mela	1	200	100	300
12	Celebration of important days	2	0	0	0
13	Exposure visits	2	0	0	15
14	Research publication	2	0	0	0
15	Awareness on PMFBY	25	321	138	459
16	Advisory services	56	0	0	201
<b>Total</b>		<b>241</b>	<b>1856</b>	<b>593</b>	<b>6741</b>
<b>Extension activities through publication</b>					
17	Extension literature	1	-	-	-
18	Newspaper coverage	7	-	-	-
19	Popular articles	1			
20	Lecture delivered as resource person	4	-	-	161
<b>Total</b>		<b>13</b>			<b>161</b>
<b>Grand total</b>		<b>254</b>	<b>1856</b>	<b>593</b>	<b>6902</b>







Implementation of national food security mission (nfsm) 2018-19 during Krishi Kalyan Abhiyan-I

## KRISHI VIGYAN KENDRA, LONGDING

**K**VK Longding Arunachal Pradesh had tested 3 technologies through 14 trials at 25 farmers field and one demonstration at two farmers field during the reporting period. About 7 training

programmes were conducted for the benefit of 23 farmers/ farm women and produced 40 kg of seeds for the benefit of farming community.

### 1. On-Farm Testing (OFT) conducted

Sl. No.	Discipline	Crop/ Enterprise	Name of technology assessed	No. of trials	Number of farmers
1	Plant protection	Rice	Varietal evaluation of CAU R2	10	25
		Mushroom	Bottling mushrooming	02	
		Potato	Biocontrol of late blight of potato using <i>Trichoderma viridae</i>	02	

### 2. Frontline demonstrations (FLD) conducted

Sl. No	Crop/ Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area (in ha)
1	Oyster mushroom	<i>Pleurotus florida</i>	0	02	0

### 3. Training of farmers and farm women in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp. Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Plant protection	07	0	07	08	0	23	0	23	0	23
<b>Total</b>	<b>07</b>	<b>0</b>	<b>07</b>	<b>08</b>	<b>0</b>	<b>23</b>	<b>0</b>	<b>23</b>	<b>0</b>	<b>23</b>

Off-Off-Campus; Sp. Off-Sponsored Off-Campus

### 4. Production and supply of seed materials

Sl. No.	Major group/class	Quantity (q)	Value (Rs.)	Total no. of beneficiaries
1	Pulses	0.4	-	15
2	Fruits	-	-	152
<b>Total</b>		<b>0.4</b>	<b>-</b>	<b>167</b>



OFT on Bottling Mushroom: A smart Innovative Approach for Doubling Farmers Income



Successfully conducted OFT on IDM in Potato and Field Day



Training cum input distribution programme by ICAR AP centre Basar in collaboration with KVK Longding Under Nec

## KRISHI VIGYAN KENDRA, LONGLENG

**K**VK Longeng Nagaland had tested four technologies through 38 trials at 47 farmers field and demonstrated two technologies covering one hectare area and 50 units at 25 farmers' field during the period under report. KVK Lonleng had also conducted 50 training programmes in which 25 training for farmers/farm women, 22 for rural

youths and school drop outs as well as 3 training programme for extension personnel. About 500 other extension activities were organized covering 3587 beneficiaries. The income generated during the period was Rs. 649 only and sent 64 messages to 83020 beneficiaries with 8 special programs organised.

### 1. On-Farm Testing (OFT) conducted

Sl. No.	Discipline	Crop/ Enterprise	Name of technology assessed	No. of trials	Number of farmers
1	Horticulture	Kitchen Gardening	For fulfilling the nutritional requirement of the family	04	04
2	Soil Science / Agronomy	Varietal Evaluation	Evaluation of improved variety	08	13
3	Home Science	Value addition	To increase the shelf life of the produce	12	03
4	Animal Science	Evaluation of breed	To evaluate the performance of the improved breed	10	20
5		Nutrition management		10	7
<b>Total</b>				<b>38</b>	<b>47</b>

### 2. Frontline demonstrations (FLD) conducted

Sl. No	Crop/ Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area (in ha)
1	Cabbage	Cabbage Var. Golden Arce	-	05	1.0
2	Poultry	Improved variety of poultry	-	20	50/ beneficiary

### 3. Training of farmers and farm women in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp. Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off*	
Horticulture	8	-	8	128		86		214	-	214
Livestock production and management	8		8	-		539		539	-	539
Home Science/Women empowerment	9		9	29		392		421	-	421
<b>Total</b>	<b>25</b>		<b>25</b>	<b>157</b>		<b>1017</b>		<b>1174</b>	<b>-</b>	<b>1174</b>

#### 4. Training of Rural Youth in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Mushroom cultivation	1		1			30		30		30
Rural crafts	1		1	22		15		15		37
<b>Total</b>	<b>2</b>		<b>2</b>	<b>22</b>		<b>45</b>		<b>45</b>		<b>67</b>

Off-Off-Campus; Sp.Off-Sponsored Off-Campus

#### 5. Training of extension personnel in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Vegetable crops	1		1			25		25		25
Livestock production and management	1		1			40		40		40
Value addition	1		1			28		28		28
<b>Total</b>	<b>3</b>		<b>3</b>			<b>93</b>		<b>93</b>		<b>93</b>

#### 6. Extension activities undertaken

Sl. No.		No. of programme	No. of participants		Grand total
			Male	Female	
<b>A.</b>	<b>Extension activities</b>				
1	Diagnostic visits	39	51	19	70
2	Advisory Services	117	272	313	585
3	Celebration of important days	5			
4	Exhibition	3			
5	Farmers Visit to KVK	148		154	440
6	Group meetings/ Discussion	18	214	191	405
7	Method Demonstrations	51	293	613	906
8	Scientists visit to farmers field	61	125	117	242
9	Soil health/ testing Campaigns	1			
10	Film show	45	278	661	939
	<b>Total</b>	<b>488</b>	<b>1519</b>	<b>2068</b>	<b>3587</b>



B.	<b>Publication</b>	6			
11	Research papers/abstract				
12	Technical report/ article	1			
13	Leaflets/folders	5			
	<b>Total</b>	<b>12</b>			
	<b>Grand Total (A+B)</b>	<b>500</b>			

## KRISHI VIGYAN KENDRA, NAMSAI

**K**VK Namsai had tested five technologies with 77 trials at 77 farmers field and demonstrated eleven technologies covering 37 ha area and 300 units for the benefit of 117 farmers in the district. About 39 training programmes were conducted for the benefit of 813 farmers/farm women, rural youths and extension functionaries during the period under

report. Other extension activities were undertaken for 37 activities for the benefit of 7145 beneficiaries in the district. KVK Namsai generated Rs.106553.00 as income through revolving fund during the period under report. KVK Namsai also produced 2 q seeds and 23000 planting materials for the benefit of farming community in the district.

### 1. On-Farm Testing (OFT) conducted

Sl. No.	Discipline	Crop/ Enterprise	Name of technology assessed	No. of trials	Number of farmers
1	Fishery Science	Fishery	Fish seed rearing for Indian Major Carp	10	10
2	Animal Science	Goat	Effect of concentrate and area specific mineral mixture supplementation on the performance of growing Kids	11	67
		Cow/Goat	Performance evaluation of High yielding legume green fodder rice bean var Bidhan-2	36	
		Poultry	Introduction of Kalinga brown	10	
		Duck	Introduction of Vigova Super - M Duck	10	
<b>Total</b>				<b>77</b>	<b>77</b>

### 2. Frontline demonstrations (FLD) conducted

Sl. No	Crop and Variety/ Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area in ha
1	Rapeseed	Varietal evaluation of Var. TS-46	-	2	1.0
2	Lentil	Varietal evaluation of Var. HUL-57	-	2	1.0
3	Cow	Health management	-	26	-
4	Cow	Feed & fodder production	-	20	4.0
5	Pig	Feeding management	-	05	10
6	Poultry	Introduction of Vanaraja bird	-	5	300 units
7	Dairy cattle	Feeding management	-	22	-
8	Fishery	Nutritional management	-	10	10
9	Fishery	IFS module (Pig cum fish culture)	-	10	10
10	Fishery	IFS module (Duck cum fish culture)	-	10	10
11	Maize	Maize sheller	-	05	-
<b>Total</b>				<b>117</b>	<b>37 ha/300 units</b>

### 3. Training of farmers and farm women in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants					
	Off	Sp Off	T	M		F		T	
				Off	Sp Off	Off	Sp Off	Off	Sp Off
Horticulture	0	3	3	0	75	0	82	-	157
Livestock production and management	5	0	5	107	0	35	0	142	0
Fisheries	10	0	10	134	35	70	30	204	65
<b>Total</b>	<b>15</b>	<b>3</b>	<b>18</b>	<b>241</b>	<b>110</b>	<b>110</b>	<b>112</b>	<b>346</b>	<b>222</b>

### 4. Training Rural Youth in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants					
	Off	Sp Off	T	M		F		T	
				Off	Sp Off	Off	Sp Off	Off	Sp Off
Sheep and goat rearing	1	-	1	23	-	2	-	25	
<b>Total</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>23</b>	<b>-</b>	<b>2</b>	<b>-</b>	<b>25</b>	

### 5. Training of extension personnel in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants					
	Off	Sp Off	T	M		F		T	
				Off	Sp Off	Off	Sp Off	Off	Sp Off
Management in farm animals	2		3	11		5		16	
<b>Total</b>	<b>2</b>		<b>3</b>	<b>11</b>		<b>5</b>		<b>16</b>	

OF-Off-Campus; SOF-Sponsored Off-Campus

### 6. Vocational training programmes for Rural Youth

Crop / Enterprise	Duration (days)	Area of training	No. of participants		
			M	F	T
Beekeeping	7	Scientific Beekeeping	25		25
Beekeeping	7	Scientific Beekeeping	25		25
Beekeeping	7	Scientific Beekeeping	25		25
Seed production	25	Quality seed grower	11	9	20
Dairy farming	25	Artificial Insemination Technique	25		25
Pig	7	Piggery	12	3	15
<b>Total</b>			<b>123</b>	<b>12</b>	<b>135</b>



## 7. On campus sponsored training programmes

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)*	Duration (days)	Discipline	No. of participants			Sponsoring agency
				M	F	T	
1	PF & FW	2	Animal Science	31	14	45	ICAR-NDRI, ERS Kalyani
2	RY	7	Beekeeping	25		25	CHF, CAU Pasighat
3	RY	7	Beekeeping	25		25	do
4	RY	7	Beekeeping	25		25	do
5	RY	25	Crop production	11	9	20	ASCI
6	RY	25	Animal Science	20		20	ASCI
7	RY	7	Animal Science	12	3	15	MANAGE
8	RY	5	Animal Science	27	13	40	ICAR RC NEH
9	PF & FW	2	Animal Science	15	35	50	ICAR RC NEH
10	PF & FW	1	Crop production	10	25	35	NSC GHY
11	RY	1	Spice crop	75	35	110	ICAR NRC, on Seed Spices, Ajmer Rajasthan
<b>Total</b>				<b>281</b>	<b>134</b>	<b>415</b>	

F = Farmer, FW = Farm Women, RY = Rural Youth, EP = Extension Personnel

## 8. Extension activities undertaken

Sl. No.	Extension activity	No. of activities	No. of participants		
			M	F	T
1	Advisory services	31			7145
2	Diagnostic visit	59	53	6	59
3	Field day	1	21	23	54
4	Group discussion	4	249	117	366
5	Kisan Gosthi	1	200	313	513
6	Kisan Mela	1	671	443	1114
7	Exhibition	4	799	624	1363
8	Scientists visit to farmers fields	59	53	6	59
9	Plant/ animal health camp	1	41	19	60
10	Farmers seminar/ workshop	1	671	443	1114
11	Method demonstration	19	322	172	494
12	Celebration of important days	3	135	97	234
13	Exposure visits	7	164	84	278
14	Newspaper coverage	37			
15	Training manual	3			
16	Awareness camp	16	823	569	1392
17	Lecture delivered as resource person	29	2550	1924	4509

18	PRA	2	135		135
19	Farmer-scientist interaction	1	671	443	1114
20	Soil test campaign	1	73	49	122
<b>Grand Total</b>		<b>280</b>	<b>7631</b>	<b>5332</b>	<b>20125</b>



Training on Aromatic Plants



Distribution of Soil Health Cards under KKA

## KRISHI VIGYAN KENDRA, PEREN

**K**VK Peren had tested two technologies through 10 trials at 20 farmers' field and three technologies demonstrated in three different villages covering 35 ha area and 10 units at 92 farmers' field. About 36 training programme was conducted for the benefit of 650 beneficiaries out of which 10 training programme for 216 rural youths

were benefitted during the period under report. About 129 other extension activities were undertaken for the benefit of 1721 tribal farmers in the district. KVK Peren produced 27 q of seeds for the distribution to the farmers and 500 messages were sent to 3252 farmers/farm women /rural youth.

### 1. On-Farm Testing (OFT) conducted

Sl. No.	Discipline	Crop/ Enterprise	Name of technology assessed	No. of trials	Number of farmers
1.	Plant Breeding & Genetics	Maize	Varietal evaluation of Maize	5	20
		Paddy	Varietal evaluation of Lowland paddy	5	

### 2. Frontline demonstrations (FLD) conducted

Sl. No	Crop/ Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area (in ha)
1	Paddy	Promotion of paddy variety RCM-9	1	30	5.0
2	Toria	Promotion of toria variety TS-36	1	30	30.0
3	Poultry	Promotion of Vanaraja bird in backyard system	1	32	10unit
<b>Total</b>			<b>3</b>	<b>92</b>	<b>35/10 units</b>

### 3. Training of farmers and farm women in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	On	Sp On	Total	Male		Female		Total		
				On	Sp. On	On	Sp. On	On	Sp. On	
Crop production	1	0	1	3	0	17	0	20	0	20
Livestock production and management	2	0	2	10	0	45	0	55	0	55
<b>Total</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>13</b>	<b>0</b>	<b>26</b>	<b>0</b>	<b>75</b>	<b>0</b>	<b>75</b>

On-On-Campus; Sp.On-Sponsored On-Campus

#### 4. Training of farmers and farm women in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp. Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Crop production	12	0	12	128	0	209	0	337	0	337
Livestock production and management	1	0	1	6	0	16	0	22	0	22
<b>Total</b>	<b>13</b>	<b>0</b>	<b>13</b>	<b>134</b>	<b>0</b>	<b>225</b>	<b>0</b>	<b>359</b>	<b>0</b>	<b>359</b>

Off-Off-Campus; Sp.Off-Sponsored Off-Campus

#### 5. Training of Rural Youth in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Mushroom production	1	0	1	11	0	16	0	27	0	27
Integrated farming	2	0	2	11	0	16	0	27	0	27
Seed production	1	0	1	11	0	16	0	27	0	27
Soil conservation management strategies	1	0	1	11	0	16	0	27	0	27
Vermi-culture	1	0	1	11	0	16	0	27	0	27
Value addition	1	0	1	11	0	16	0	27	0	27
Rabbit farming	1	0	1	11	0	16	0	27	0	27
Entrepreneurship development	2	0	2	11	0	16	0	27	0	27
<b>Total</b>	<b>10</b>	<b>0</b>	<b>10</b>	<b>88</b>	<b>0</b>	<b>128</b>	<b>0</b>	<b>216</b>	<b>0</b>	<b>216</b>

#### 6. Extension activities undertaken

Sl. No.	Extension activity	No. of activities	No. of participants		
			M	F	T
1	Advisory services	7	8	2	10
2	Diagnostic visit	15	10	13	23
3	Field day	0	0	0	0
4	Group Discussion	6	22	68	90
5	Kisan Gosthi	0	0	0	0
6	Kisan Mela	1	30	23	53
7	Film show	0	0	0	0
8	SHG formation	0	0	0	0
9	Exhibition	3	0	0	0
10	Scientists visit to farmers fields	45	59	46	105

11	Farmers visit to KVK	13	4	9	13
12	Plant/ Animal Health camp	1	20	22	42
13	Farm science club	0	0	0	0
14	Farmers seminar/ workshop	0	0	0	0
15	Method demonstration	2	5	6	11
16	Celebration of important days	5	225	322	547
17	Exposure visits	0	0	0	0
18	Soil health camp	1	30	33	63
19	Awareness camp	1	32	23	55
<b>Extension activities through publication</b>					
1	Electronic media (CD/DVD)	0	0	0	0
2	Extension literature	1	0	0	0
3	Newspaper coverage	8			
4	Popular articles	1			
5	Radio talk	0			
6	Training manual	1			
7	Lecture delivered as resource person	8	143	177	320
8	Farmer-Scientist interaction	9	155	210	365
9	PRA	1	16	8	24
<b>Grand total</b>		<b>129</b>	<b>759</b>	<b>962</b>	<b>1721</b>

## 7. Production and supply of seed materials

Sl. No.	Major group/class	Quantity (q)	Value (Rs.)	Total no. of beneficiaries
1	Cereals	15	48000/-	15
2	Oil Seeds	10	30,000/-	30
3	Pulses	1	12,000	5
4	Vegetables	1	10,000	50
<b>Total</b>		<b>27</b>	<b>100000/-</b>	<b>100</b>



Demonstration on paddy var. RCM 9



Skill Training programme

## KRISHI VIGYAN KENDRA, RI BHOI

**K**VK Ri-Bhoi had tested eleven technologies under 69 trials in 171 farmers' field and fifteen technologies were demonstrated covering 59.07 ha area and 6 units in 490 farmers field. A total of 160 trainings were conducted for the benefit of 4202 beneficiaries, out of which 135 trainings for benefitted 3729 farmers and farm womens, 24 trainings 403 rural youth and 4 training programmes were conducted for the benefit of 131 extension personals. About 160 training on beekeeping, mushroom production, kitchen gardening etc benefitting 4659 beneficiaries during KKA phase I & II. Conducted Skill Training of Rural Youth (STRY) on Fish Rearing and Management, Production of Bio-pesticides and Post-Harvest activities on Fish Handlings and Processing of Fishes to enhance knowledge and skills of rural youth. Conducted two numbers of skill development training programme for 200 hours each (25 days) for Job roles "Floriculturist-protected cultivation" and Aquaculture worker for 40 farmers and rural youth. About seven inter

institutional activities were undertaken during the period under report. About 1484 other extension activities like Field Day, Diagnostic visit, Kishan Mela, Film show, Exhibition, Ex-trainee Sammelan, Method demonstration, Celebration of important days, Farmer-Scientist interaction, KMAS, Radio Talks, TV programme, Film shows, Mahila Kisan Diwas, Kisan Diwas, Rabi campaign etc were conducted for the benefit of around 14523 farmers/farm women, rural youth school dropout etc. About 1032 numbers of Soil Health Card (SHCs) had been distributed. Technology demonstrated under externally funded projects like NICRA, KSHAMTA, TSP, CFLD etc. A total amount of Rs. 3,38,400/- revenue was generated. KVK Ri-Bhoi has published 2 research papers, one book chapter, one training manual, 3 technical bulletin, 3 pamphlets, one farmers database, one documentary film, special programme of Krishi Kalyan Abhiyan phase I & II during 2018-19. Progressive farmers received Jagjivan Ram Abhinav Kisan Puruskar 2017 on 5<sup>th</sup> March 2019 at IARI, New Delhi with cash prize of Rs. 1.0 lakh.

### 1. On-Farm Testing (OFT) conducted

Sl. No.	Discipline	Crop/ Enterprise	Name of technology assessed	No. of trials	Number of farmers
1	Horticulture	Ginger & turmeric	Performance of transplanting technology of ginger and turmeric for reduction of seed cost	10	20
		Ginger-pea	Ginger - garden pea using Jalkund water for higher productivity & soil fertility	5	5
2	Soil Science / Agronomy	Lime application	Furrow application of lime for improving potato productivity in acid soils	5	68
		Pea	Seed priming in pea for improving productivity and nutrient efficiency in acid soils	7	
		Maize-green gram	Performance of maize-green gram cropping system	10	
		Pea	Performance of pea Var. IPFB 10-12	8	

3	Plant protection	Tomato	Organic management of late blight of tomato	8	8
4	Home Science	Vertical farming	Performance of vertical farming for landless farm women	2	30
		Roselle	Value addition of roselle	4	
5	Fishery Science	Fishery	Evaluation of balanced floating pelleted feed (Balanced Diet) for enhancing fish yield	5	10
		Fishery	Performance of paddy cum fish integrated farming system	5	
<b>Total</b>				<b>69</b>	<b>141</b>

## 2. Frontline demonstrations (FLDs) conducted

Sl. No	Crop/Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area (in ha)
1	Ginger	Promotion of ginger variety Nadia	15	90	8.0
2	Turmeric	Promotion of turmeric variety Megha Turmeric 1	8	80	5.0
3	Low cost polyhouse	Promotion of vegetable cultivation under low cost polyhouse	5	120	0.05
4	Paddy	Promotion of organic farming in paddy (var. RCM 10) with VC@2t/ha+ BF (Azospirillum @3.5 kg/ha	2	30	10
5	Maize	Promotion of liming @400 kg/ha in maize for enhancing the productivity	3	25	6
6	Paddy	Promotion SRI on paddy (Var. RCM 10)	2	10	1
7	Vermicompost	Production of vermicompost for promotion of organic farming	3	10	3
8	Groundnut	Cluster Frontline demonstration on groundnut	5	42	20
9	Pea	Cluster Frontline demonstration on Pea	5	28	5
10	Bio-pesticide	Promotion of bio pesticide ( <i>Trichoderma</i> ) for management of late blight of potato	3	5	1.0
11	Chow chow	Popularization of value addition of chow chow	1	10	2 units
12	Grain	Promotion of hermetic storage bags	2	20	2 units
13	Fishery	Popularization of Amur common carps	1	5	0.01
14	Integrated farming system	Performance of integrated fish poultry farming	1	5	0.01
15	Other enterprise	Value addition of chow chow ( <i>sechium edule</i> )	1	10	2 units
<b>Total</b>			<b>57</b>	<b>490</b>	<b>59.07/6 units</b>

### 3. Training of farmers and farm women in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	On	Sp. On	Total	Male		Female		Total		
				On	Sp. On	On	Sp. On	On	Sp. On	
Crop production	0	2	2	0	134	0	148	0	282	282
Horticulture	7	0	7	54	0	125	0	179	0	179
Livestock production and management	2	0	2	58	0	58	0	80	0	98
Home Science/ Women empowerment	1	0	1	0	0	47	0	47	0	47
Fisheries	1	1	2	12	3	3	37	15	40	55
<b>Total</b>	<b>11</b>	<b>3</b>	<b>14</b>	<b>91</b>	<b>137</b>	<b>248</b>	<b>185</b>	<b>339</b>	<b>322</b>	<b>661</b>

OC-On-Campus; Sp.On-Sponsored On-Campus

### 4. Training of farmers and farm women in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp. Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Crop production	7	2	9	40	68	112	57	152	125	277
Horticulture	21	40	61	293	365	321	557	624	922	1546
Soil health and fertility management	26	0	26	293	0	387	0	680	0	680
Home Science/Women empowerment	13	4	17	175	76	209	65	285	141	509
Plant protection	4	0	4	35	0	38	0	73	0	73
Fisheries	7	4	11	96	105	53	67	149	172	321
<b>Total</b>	<b>78</b>	<b>46</b>	<b>124</b>	<b>757</b>	<b>538</b>	<b>1196</b>	<b>827</b>	<b>1953</b>	<b>1365</b>	<b>3318</b>

Off-Off-Campus; Sp.Off-Sponsored Off-Campus

### 5. Training of Rural Youth in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	On	Sp. On	Total	Male		Female		Total		
				On	Sp. On	On	Sp. On	On	Sp. On	
Bio-pesticides production	1	1	2	0	5	20	10	20	15	3
Planting material production	1	0	1	0	0	25	0	25	0	25
soil health management	1	0	1	8	0	10	0	18	0	18



Soil and water conservation	1	0	1	10	0	10	0	20	0	20
Protected cultivation of vegetable crops	0	1	1	0	4	0	16	0	20	20
Composite fish culture	2	1	3	23	10	8	10	31	20	51
Small scale processing	0	2	2	0	0	0	35	0	35	35
<b>Total</b>	<b>4</b>	<b>5</b>	<b>9</b>	<b>18</b>	<b>13</b>	<b>65</b>	<b>77</b>	<b>83</b>	<b>90</b>	<b>173</b>

## 6. Training of Rural Youth in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Integrated farming	2	1	3	18	32	25	9	43	41	84
Vermi-culture	2	0	2	8	0	23	0	31	0	31
Soil health management	1	0	1	14	0	13	0	27	0	27
Composite fish culture	1	0	1	14	0	13	0	27	0	27
<b>Total</b>	<b>1</b>	<b>1</b>	<b>7</b>	<b>54</b>	<b>32</b>	<b>74</b>	<b>9</b>	<b>128</b>	<b>41</b>	<b>169</b>

## 7. Training of extension personnel in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	On	Sp. On	Total	Male		Female		Total		
				On	Sp. On	On	Sp. On	On	Sp. On	
IIHR technology in horticultural crops	0	1	1		21		24		45	45
<b>Total</b>	<b>0</b>	<b>1</b>	<b>1</b>		<b>21</b>		<b>24</b>		<b>45</b>	<b>45</b>

## 8. Training of extension personnel in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Productivity enhancement in field crops	1	0	1	9	0	19	0	28	0	28
Integrated fish farming	1	0	1	13	0	22	0	35	0	35
Household food security	1	0	1	0	0	40	0	40	0	40
<b>Total</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>15</b>	<b>0</b>	<b>71</b>	<b>0</b>	<b>86</b>	<b>0</b>	<b>86</b>

## 9. Vocational training programmes for Rural Youth

Crop / Enterprise	Duration (days)	Area of training	No. of participants		
			M	F	T
Fruits and vegetables	6	Post-harvest management	0	20	20
Fish production	6	IFS	15	1	16
Fish production	25	Composite fish culture	10	10	20
Flower production	25	Protected cultivation	4	16	20
Fish production	7	Composite fish culture	8	7	15
Bio pesticides production	7	Bio pesticides production	5	10	15
Value addition	7	Income generation activities for empowering rural youth and women	0	15	15
<b>Total</b>			<b>42</b>	<b>79</b>	<b>121</b>

## 10. On campus sponsored training programmes

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)*	Duration (days)	Discipline	No. of participants			Sponsoring agency
				M	F	T	
1	F	3	Horticulture	10	40	50	CIH, Medziphema
2	F	3	Fisheries Science	3	37	41	CIFT, Cochin
3	F	25	Horticulture	4	16	20	ASCI, New Delhi
4	RY	25	Fisheries Science	10	10	20	ASCI, New Delhi
5	F	1	Fisheries Science	20	30	50	IVRI
6	F	1	Home Science	13	34	47	Universal Enterprises, Bengaluru
7	RY	7	Plant Protec.	5	10	15	MANAGE
8	RY	7	Home Science	0	15	15	MANAGE
9	RY	7	Fisheries Science	8	7	15	MANAGE
10	F	1	Fisheries Science	7	40	47	TSP
11	F	1	Fisheries Science	18	33	51	TSP
12	F	1	Horticulture	16	8	24	ATMA, Nongpoh
13	EF & F	1	Horticulture	21	24	45	IIHR, Bangalore
14	EF	1	Horticulture	8	0	8	Hort officer, Oddisha

F = Farmer, FW = Farm Women, RY = Rural Youth, EP = Extension Personnel

## 11. Off campus sponsored training programmes

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)*	Duration (days)	Discipline	No. of participants			Sponsoring agency
				M	F	T	
1	F	2	Fisheries Science	21	20	41	DCWFR
2	FW	1	Home Science	0	31	31	NICRA
3	F	1	Soil Science	3	27	30	NICRA
4	FW	2	Home Science	0	27	27	NICRA

5	FW	1	Home Science	0	40	40	NICRA
6	F	1	Fisheries Science	0	10	10	KSHAMTA
7	FW	1	Fisheries Science	0	10	10	KSHAMTA
8	F	1	Horticulture	65	35	100	DHO Nongppoh
9	F	1	Horticulture	14	12	26	SACH (NGO)
10	F	1	Horticulture	19	1	20	KSHAMTA
11	F	1	Horticulture	7	15	22	NICRA
12	F	1	Horticulture	1	12	13	KSHAMTA
13	F	1	Horticulture	9	11	20	KSHAMTA
14	F	1	Horticulture	3	10	13	KSHAMTA
15	F	1	Horticulture	3	22	25	NICRA

F = Farmer, FW = Farm Women, RY = Rural Youth, EP = Extension Personnel

## 12. Training programme organized during Krishi Kalyan Abhiyan Phase I & II

Thematic area	No of training programme	No. of beneficiary
Beekeeping	6	161
Mushroom cultivation	20	535
Kitchen garden	30	808
Animal Sciences	7	314
Fishery Sciences	25	703
Horticultural Sciences	47	1253
Vermicompost	2	45
NADEP	2	60
Value addition	9	234
Micro irrigation	1	15
PMFBY	11	531
<b>Total</b>	<b>160</b>	<b>4659</b>



Skill Training on Aquaculture worker & Floriculturist-Protected cultivation



OFT on Paddy cum fish Integrated farming system

## KRISHI VIGYAN KENDRA, SOUTH TRIPURA

**K**VK South Tripura had tested seven technologies through 133 trials at 93 farmers' field and 20 technologies demonstrated in 248 different villages covering 2268 ha area and 108 units at 372 farmers' field. About 123 training programme was conducted for the benefit of 1650 beneficiaries. About 484 other extension activities were undertaken

for the benefit of 5669 farmers in the district. KVK South Tripura produced 918.47 q of seeds for the distribution to the farmers and 69 messages were sent to 1400 farmers/farm women /rural youth etc and generated Rs. 42456 from revolving fund during the period under report.

### 1. On-Farm Testing (OFT) conducted

Sl. No.	Discipline	Crop/ Enterprise	Name of technology assessed	No. of trials	Number of farmers
1	Plant Protection	Ginger	Management of ginger soft rot disease	15	33
		Maize	Organic management of leaf blight in Maize	18	
2	Fisheries	Fisheries	Pengba in carp polyculture for profitability enhancement	30	40
		Integrated Fish farming	Reducing cost of cultivation through integration of horticulture and fish farming for higher income	20	
		Fish feeding	CAU Aqua-feed (pelted floating feed for higher growth and profitability in carp culture)	30	
3	Animal Science	Duckery	Performance of White Pekin Ducks at farmers backyard	8	20
		Piggery	Creep boxes with heat source to prevent pre-weaning mortality of piglets due to cold stress	12	
<b>Total</b>				<b>133</b>	<b>93</b>

### 2. Frontline demonstrations (FLD) conducted

Sl. No	Crop and Variety/ Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area in ha
1	Rice	Improved variety of HYV rice(var. Gomati) and Naveen for dominant area	47	1930	1780
2	Maize	Varietal evaluation of hybrid maize var. HQPM-1	8	118	39
3	Blackgram	Improved variety of blackgram (var. utara) with scientific package of practice	9	160	60

4	Lentil	Varietal evaluation of lentil variety Hul -57	10	275	110
5	Mustard	Utilisation of residual moisture for Mustard(var. B-9) cultivation in Rice fallow Lowland	11	302	86
6	Groundnut	IPM on groundnut	8	79	23
7	Rice	Management of rice leaf folder and stem borer.	17	325	74
8	Groundnut	IDM on groundnut stem rot	13	92	25
9	Tomato	IDM on leaf blight	8	57	19
10	Cabbage	Chemical control of cabbage cut worm	18	127	33
11	Brinjal	Control of brinjal fruit and shoot borer	14	103	19
12	Mushroom	Scientific cultivation of mushroom	23	403	
13	Vermicomposting	Vermicomposting technology	19	121	01 tank per farmer
14	Beneficial insect	Honey bee rearing	11	31	2 colony/ farmer
15	Cowpea	IPM on cowpea	14	83	18
16	Beneficial insect	Bee disease and insect enemy management	18	54	-
17	Dairy	Fodder production and quality enhancement		12	12 units
18	Poultry	Feeding management		20	20 units
19	Piggery	Feeding management		20	20 units
20	Carp	Fish breeding		30	05 breeding cycles
21	Pabda	Carp polyculture		30	30
			248	4372	2268ha/108 units

### 3. Training of farmers and farm women in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OC	SOC	T	M		F		T		
				OC	SOC	OC	SOC	OC	SOC	
Livestock production and management	6	0	6	109	0	18	0	127	0	127
Plant protection	1	0	1	12	0	8	0	20	0	20
Fisheries	1	0	1	21	0	5	0	26	0	26
Production of inputs at site	1	0	1	12	0	8	0	20	0	20
<b>Total</b>	<b>9</b>	<b>0</b>	<b>9</b>	<b>154</b>	<b>0</b>	<b>39</b>	<b>0</b>	<b>193</b>	<b>0</b>	<b>193</b>

OC-On-Campus; SOC-Sponsored On-Campus

#### 4. Training of farmers and farm women in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OF	SOF	T	M		F		T		
				OF	SOF	OF	SOF	OF	SOF	
Crop Production	2	0	2	35	0	8	0	43	0	43
Soil Health and Fertility Management	1	0	1	25	0	0	0	25	0	25
Livestock Production and Management	12	0	12	188	0	84	0	272	0	272
Plant Protection	20	0	20	395	0	178	0	573	0	573
Fisheries	8	0	8	175	0	61	0	236	0	236
<b>Total</b>	<b>43</b>	<b>0</b>	<b>43</b>	<b>818</b>	<b>0</b>	<b>331</b>	<b>0</b>	<b>1149</b>	<b>0</b>	<b>1149</b>

OF-Off-Campus; SOF-Sponsored Off-Campus

#### 5. Training Rural Youth in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OC	SOC	T	M		F		T		
				OC	SOC	OC	SOC	OC	SOC	
Mushroom production	1	1	2	17	4	6	12	23	16	39
Seed production	0	1	1	0	10	0	9	0	19	19
Vermi-culture	1	1	2	12	14	8	6	20	20	40
Sheep and goat rearing	1	0	1	20	0	7	0	27	0	27
Piggery	0	1	1	0	14	0	1	0	15	15
Poultry production	1	0	1	20	0	0	0	20	0	20
Disease management of livestock and poultry	1	0	1	25	0	3	0	28	0	28
<b>Total</b>	<b>5</b>	<b>8</b>	<b>9</b>	<b>94</b>	<b>42</b>	<b>24</b>	<b>28</b>	<b>118</b>	<b>70</b>	<b>188</b>

#### 6. Vocational training programmes for Rural Youth

Crop / Enterprise	Duration (days)	Area of training	No. of participants		
			M	F	T
Livestock/poultry	4	Disease management in livestock and poultry	23	7	30
Mushroom Cultivation	7	Mushroom Production	0	20	20
<b>Total</b>	<b>11</b>	<b>--</b>	<b>23</b>	<b>27</b>	<b>50</b>

## 7. On campus sponsored training programmes

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)	Duration (days)	Discipline	Area of training	No. of participants			Sponsoring agency
					M	F	T	
1	RY	6 days	Animal Science	Piggery management	14	1	15	MANAGE
2	RY	6 days	Agriculture	Horticulture	4	12	16	MANAGE
3	RY	6 days	Agriculture	Agriculture	19	0	19	MANAGE
5	RY	6 days	Agriculture	Others	14	6	20	MANAGE
<b>Total</b>					<b>51</b>	<b>19</b>	<b>70</b>	--

F = Farmer, FW = Farm Women, RY = Rural Youth, EP = Extension Personnel

## 8. Extension activities undertaken

Sl. No.	Extension Activities	No. of programme	No. of participants		Grand total
			Male	Female	
<b>A.</b>					
1	Diagnostic visits	51	216	111	327
2	Advisory services	57	265	43	308
3	Animal health camp	2	150	64	214
4	Plant health camp	2	21	4	25
5	Training/ practical manual	2	-	-	-
6	Celebration of important days	8	641	161	802
8	Exposure visits	1	14	6	20
9	Farmers Visit to KVK	106	377	10	387
10	Field day	5	300	0	300
11	Group meetings/ discussion	17	244	62	306
12	Awareness camp	11	228	86	314
13	Method Demonstrations	20	347	89	436
14	Scientists visit to farmers field	118	651	155	806
15	Film show	30	380	121	501
16	Any other (Ex-trainee Sammelan)	1	15	5	20
17	Lecture delivered as resource person	24	378	95	473
18	Farmer-scientist interaction	5	181	18	199
19	Input distribution programme	7	181	50	231
<b>Total</b>		<b>467</b>	<b>4589</b>	<b>1080</b>	<b>5669</b>

<b>B.</b>	<b>Other Extension Activities</b>				
1	News paper coverage	3	-	-	-
2	Radio talks	6	-	-	-
3	TV talks	3	-	-	-
4	Extension literature	4	-	-	-
5	Any other (Success Story)	1			
	<b>Total</b>	<b>17</b>			
	<b>Grand Total (A+B)</b>	<b>484</b>	<b>4589</b>	<b>1080</b>	<b>5669</b>

### 9. Production and supply of seed materials

<b>A.</b>	<b>Seed materials</b>	<b>Quantity (q) produced</b>	<b>Quantity (q) supplied</b>	<b>Value (Rs.) of quantity produced</b>	<b>Total no. of beneficiaries</b>
1	Cereals	900.65		21600	97
2	Oilseeds	4.25			103
3	Pulses	5.55			122
4	Vegetables	8.023			37
	<b>Total</b>	<b>918.47</b>		<b>21600</b>	<b>359</b>
<b>B.</b>	<b>Planting material</b>	<b>Quantity (In No.) produced</b>	<b>Quantity (In No.) supplied</b>	<b>Value (Rs.) of quantity produced</b>	<b>Total no. of beneficiaries</b>
5	Fruits	3000	2461	90000	70
6	Spices	200	130	4000	16
7	Flowers	1100	850	1800	20
8	Vegetables	64000	64000	32000	128
	<b>Total</b>	<b>68300</b>	<b>67441</b>	<b>127800</b>	<b>234</b>
<b>C.</b>	<b>Bio-products</b>	<b>Species</b>	<b>Quantity (in number)</b>	<b>Value (Rs.)</b>	<b>Total no. of beneficiaries</b>
9	Bio-fertilizers	E.foetida	23000	23000	23
10	Bio-pesticides	Neem pesticides	24 lit.	24000	61
<b>D.</b>	<b>Livestock</b>	<b>Breed</b>	<b>Quantity</b>	<b>Value (Rs.)</b>	<b>Total no. of beneficiaries</b>
11	Piggery	Cross bred piglet	2 number	4600	<b>2</b>
12	Poultry	BND/ Broiler	736 number	31000	<b>20</b>
13	<b>Fisheries</b>	<b>IMC</b>	235 number	18800/-	<b>149</b>



## KRISHI VIGYAN KENDRA, TAMENGLONG

**K**VK Tamenglong had tested 12 technologies through 43 trials at 43 farmers field and conducted 12 demonstrations at 32 villages covering 271.5 ha area in 112 farmers field during the period under report. KVK Tamenglong had also conducted 74 training programmes for the benefit of 1825 beneficiaries out of which 52 training for 1340 farmers/farm women, 13 training for 286 rural

youths and 6 training for 187 extension personnel and 3 sponsored training programme conducted for 125 rural youths. It had also reported that 85 other extension activities were conducted for 8015 beneficiaries and 1010 messages sent to 1593 farmers through KMAS; and produced 320 q seeds 1400 poultry birds and 5000 planting materials.

### 1. On-Farm Testing (OFT) conducted

Sl. No.	Discipline	Crop/ Enterprise	Name of technology assessed	No. of trials	Number of farmers
1	Agronomy	Maize intercropped with red gram	Intercropping of maize with red gram in Jhumland in 3:1 ratio T1- Sole maize T2-Sole red gram- T3- Maize+ red gram-	4	8
		Paddy-lentil system	Cultivation of lentil in paddy fallow land T1- Mono cropping of paddy T2- Mono cropping of lentil T3- Paddy- lentil system	4	
2	Agroforestry	Tree bean ( <i>Parkia roxburghii</i> )	Nutrient Management in Tree bean. Fertilizer application scheduled for the 4 <sup>th</sup> and 5 <sup>th</sup> year old plant. FYM:10kg, Urea:200g, SSP:600g, MOP:150, Lime:2kg during the month of Feb- March, May-June, and Sept- Oct	3	6
		Broom grass + rice bean	Improvement of fallow land <b>T1:</b> Broom grass intercropped with Rice bean Plant spacing: 1.5m (70cm RB) Row spacing: 2.0m (2.0 m RB) <b>T2:</b> sole broom grass	3	3
3	Plant Protection	King chilli Local cultivar	Management of leaf curl disease in King chilli.(Foliar application of Neem based products like Achook @ 2ml/l) and roguing of the infected plants + installing yellow sticky traps @10 traps/ha & spraying of Imidachloprid17.8SL @ 0.5ml/l 20-25 days after transplanting)	3	3

		Soyabean JS-335	Seed treatment with carbendazim 50 WP @ 2g/Kg plus foliar application of propiconazole 2 ml/l 2-3 times at 10-15 days interval. Seed treatment with <i>Trichoderma viride</i> @ 4g/kg plus foliar spraying of Neem product like Achook like 2ml/l	3	3
4	Plant Breeding	Rice	Short duration rice variety RC Maniphou 12	6	14
		Turmeric (Megha Turmeric)	Use of improved package of practice	4	
		Broccoli (Green Magic/ Green Italian)	Introduction of recommended package of practice	4	
5	Animal Science	Poultry (Srinidhi)	Backyard poultry production with Srinidhi/Vanaraja & supplementation with grain/ Grain by- product 60-75g/b/day	5	9
		Feeding of Probiotics (CB Hampshire)	Feeding of Probiotics ( 15ml/lit of water)	2	
		Goat (CB Black Bengal)	Feeding of high yielding grasses (Napier, Guinea etc.) & Cultivation of Napier, Guinea etc. On the unused community foot hills & slopes Stall feeding: 2 to 3 kg of green leaves/ cultivated fodder/ day Molasses (15%) treated paddy straw ad. Lib.	2	
<b>Total</b>				<b>43</b>	<b>46</b>

## 2. Frontline demonstrations (FLD) conducted

Sl. No	Crop / Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area (in ha)
1	Maize (HQPM-5) with soybean variety (JS335)	Intercropping of maize (HQPM-5) with soybean variety (JS335) in Jhumland	2	4	2
2	Paddy (RCM-10) and field pea (Aman) cropping system	Cultivation of field pea in paddy fallow land with minimum tillage	2	4	2

3	Paddy (RCM-10) and rapeseed (M-27) cropping system	Cultivation of rapeseed under zero tillage in paddy fallow field	4	3	10
4	Gmelina arborea with soybean variety (JS335)	Improvement of abandoned Jhumland through Agri-silviculture farming system.	2	3	0.75
5	Gmelina arborea with Redgram variety (TS3R)	Improvement of abandoned jhumland through Agri-silviculture farming system.	2	3	0.75
6	Black gram	PU 31	4	25	10
7	Groundnut	ICGS 76	3	27	10
8	Soybean	JS 335	2	21	10
9	Ginger	Seed treatment with carbendazim 50@2g/Kg plus soli drenching with Dithane M-45 @ 2g/l	2	7	2
10	Poultry	At least 60-75 g grain agricultural byproducts /birds/ day in backyard production poultry production using Vanaraja	5	10	200
11	Goatery	Proper feeding, housing, health coverage	3	3	12
12	Piggery	Popularization of quality germplasm & demons. On feeding and housing	3	3	12
<b>Total</b>			<b>34</b>	<b>113</b>	<b>271.5</b>

### 3. Training of farmers and farm women in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	On	Sp. On	Total	Male		Female		Total		
				On	Sp. On	On	Sp. On	On	Sp. On	
Crop production	13	7	20	218	122	151	80	369	202	571
Horticulture	5	0	5	75	0	65	0	140	0	140
Livestock production and management	2	5	7	70	40	25	48	105	78	183
Agro-forestry	3	0	3	44	0	31	0	75	0	75
<b>Total</b>	<b>23</b>	<b>12</b>	<b>35</b>	<b>407</b>	<b>162</b>	<b>272</b>	<b>128</b>	<b>689</b>	<b>280</b>	<b>969</b>

OC-On-Campus; Sp.On-Sponsored On-Campus

#### 4. Training of farmers and farm women in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp. Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off*	
Crop production	8	2	10	155	28	139	49	294	77	371
Livestock production and management	5	2	7	-	-	-	-	-	-	-
<b>Total</b>	<b>13</b>	<b>4</b>	<b>17</b>	<b>155</b>	<b>28</b>	<b>139</b>	<b>49</b>	<b>294</b>	<b>77</b>	<b>371</b>

Off-Off-Campus; Sp. Off-Sponsored Off-Campus

#### 5. Training of Rural Youth in On Campus including sponsored On Campus programmes

Thematic area	No. of courses			No. of participants						Grand total
	On	Sp.On	Total	Male		Female		Total		
				On	Sp. On	On	Sp. On	On	Sp. On	
Value addition	1	-	1	14	-	11	-	25	-	25
Sheep and goat rearing	1	-	1	17	-	8	-	25	-	25
Piggery	1	-	1	15	-	10	-	25	-	25
Poultry production	2	-	2	15	-	15	-	30	-	30
Nursery management of MPTs	1	-	1	15	-	10	-	25	-	25
<b>Total</b>	<b>6</b>	<b>-</b>	<b>6</b>	<b>76</b>	<b>-</b>	<b>54</b>	<b>-</b>	<b>130</b>	<b>-</b>	<b>130</b>

#### 6. Training of Rural Youth in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Integrated farming	1	-	1	19	-	6	-	25	-	25
Seed production	1	-	1	13	-	3	-	16	-	16
Cultivation of vegetable crops	1	-	1	15	-	10	-	25	-	25
Piggery	1	-	1	10	-	10	-	20	-	20
Poultry production	1	-	1	10	-	10	-	20	-	20
Resource conservation	1	-	1	15	-	10	-	25	-	25
Non timber forests products	1	-	1	12	-	13	-	25	-	25
<b>Total</b>	<b>7</b>	<b>-</b>	<b>7</b>	<b>94</b>	<b>-</b>	<b>62</b>	<b>-</b>	<b>156</b>	<b>-</b>	<b>156</b>

### 7. Training of extension personnel in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	On	Sp. On	Total	Male		Female		Total		
				On	Sp. On	On	Sp. On	On	Sp. On	
Quality seed production	1	-	1	21	-	04	-	25	-	25
Cultivation technology of vegetables	1	-	1	10	-	10	-	20	-	20
Management in farm animals	1	-	1	25	-	25	-	50	-	50
Livestock feed and fodder production	1	-	1	25	-	25	-	50	-	50
Agro- forestry production technologies	1	-	1	8	-	4	-	12	-	12
<b>Total</b>	<b>5</b>	<b>-</b>	<b>5</b>	<b>89</b>	<b>-</b>	<b>68</b>	<b>-</b>	<b>157</b>	<b>-</b>	<b>157</b>

### 8. Training of extension personnel in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Management in farm animals	1	-	1	15	-	15	-	30	-	30
<b>Total</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>15</b>	<b>-</b>	<b>15</b>	<b>-</b>	<b>30</b>	<b>-</b>	<b>30</b>

### 9. On campus sponsored training programmes

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)	Duration (days)	Discipline	No. of participants			Sponsoring agency
				M	F	T	
1	PF	1	Plant Breeding	30	18	48	CCRI, Nagpur

F = Farmer, FW = Farm Women, RY = Rural Youth, EP = Extension Personnel

### 10. Off campus sponsored training programmes

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)	Duration (days)	Discipline	No. of participants			Sponsoring agency
				M	F	T	
1	PF	2	Plant Breeding	14	28	42	IIMR, Ludhiana
2	PF	1	Plant Breeding	14	21	35	DAC Seeds

### 11. Other extension activities undertaken

Sl. No.	Extension Activity	No. of activities	No. of participants		
			M	F	T
1	Advisory services	0	0	0	0
2	Diagnostic visit	10	116	32	148
3	Field day	1	15	12	27
4	Group discussion	2	24	5	29

5	Film show	2	68	65	133
6	Exhibition	2	2845	2371	5216
7	Scientists visit to farmers fields	19	132	51	183
8	Method demonstration	2	38	46	84
9	Celebration of important days	7	156	161	317
10	Exposure visits	2	43	08	51
11	Awareness camp	3	382	290	672
12	Any other (Please specify) Farmers visit to KVK	9	21	7	28
<b>Extension activities through publication</b>					
13	Newspaper coverage	12	-	-	-
14	Radio talk	5	-	-	-
15	TV talk/ progs	6			
16	Lecture delivered as resource person	2	295	216	511
17	Farmer-scientist interaction	1	345	271	616
<b>Grand total</b>		<b>85</b>	<b>4480</b>	<b>3535</b>	<b>8015</b>

## 12. Production and supply of seed materials

A.	Seed Materials	Quantity (qt)	Value (Rs.)	Total no. of beneficiaries		
1	Cereals	80	304000	30		
2	Oilseeds	150	825000	37		
3	Pulses	90	525000	22		
<b>Total</b>		<b>320</b>	<b>1691800</b>	<b>149</b>		
B.	Planting Material	Quantity (In No.)	Value (Rs.)	Total no. of beneficiaries		
4	Fruits	70 q	165000	32		
5	Vegetables	5000	10000	15		
Total		---	175000	47		
C.	Bio-products	Species	Quantity		Value (Rs.)	Total no. of beneficiaries
6	Biofertilizers	0	0	100	100000	20
D.	Livestock	Breed	Quantity in nos.		Value (Rs.)	Total no. of beneficiaries
7	Poultry		1400		37,800	60



Documentation by DDK Imphal



Cluster front line demonstration on Toria var. TS 38 at Noney Part-II village



On Farm Testing on Organic Cultivation of Turmeric



## KRISHI VIGYAN KENDRA, UKHRUL

**K**VK Ukhrul had tested seven technologies through 30 trials at 53 farmers field and conducted 14 demonstrations covering 90 villages and 94 farmers and 63 ha area during the period under report. About 62 training programme were conducted for 1146 participants where 30 training for 718 farmers/farm women, 15 training for 230 rural youths, 7 training for 18 extension

personnels, 5 vocational training for 90 participants and five sponsored training program for 90 rural youths. KVK had also organized six other extension activities for 388 participants and ssed produced about 858 tonnes with 50866 numbers planting materials. About Rs. 4000 income generatedthrough revolving fund.

### 1. On-Farm Testing (OFT) conducted

Sl. No.	Discipline	Crop/ Enterprise	Name of technology assessed	No. of trials	Number of farmers
1	Horticulture	Cabbage	Varietal performance of green express and Rare ball	6	16
		Pea	Varietal performance of pea	2	
2	Soil Science /Agronomy	Paddy	Varietal performance of rice var., RCM-RCManiphou-13, RCManiphou-10	6	11
		Field pea	Yield performance of field pea	6	
3	Fishery Science	Fishery	Pig cum fish farming for livelihood development for rural poor farmer	2	3
4	Animal Science	Poultry	Performance of Shrinidhi in Ukhrul condition	3	23
		Duckery	Performance of White Pekin in Ukhrul condition	5	
<b>Total</b>				<b>30</b>	<b>53</b>

### 2. Frontline demonstrations (FLD) conducted

Sl. No	Crop and Variety/ Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area in ha
1	Ground nut	Popularization of ground nut ICGS-76`	3	6	3.0
2	Maize	Popularization of variety HQPM-5	4	8	5
3	Rice	Integrated nutrient management in rice	2	4	2.0
4	Soyabean	Integrated nutrient management in soyabean	3	6	3
5	Jalkund	Rain water conservation and utilization	2	2	2
6	Turmeric	Production technology of turmeric variety Megha turmeric-1	3	3	2
7	Kachai lemon	Popularization rejuvenation of Kachai Lemon	1	20	10



8	Oyster mushroom	Popularization mushroom production technology	2	10	10
9	Kachai lemon	Management of leaf minor and fruit fly	1	10	5
10	Beekeeping	Scientific method of beekeeping	2	10	10
11	Fishery	Spawn production	2	2	2
12	Fishery	paddy cum fish culture	2	7	3
13	Piggery	Cross breed Hampshire,	3	3	3
14	Poultry	Nirbhik	60	3	3
<b>Total</b>			<b>90</b>	<b>94</b>	<b>63</b>

### 3. Training of farmers and farm women in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants					
	OC	SO	T	M		F		T	
				OC	SO	OC	SO	OC	SO
Crop production	4	0	4	55	0	52	0	107	0
Horticulture	6	0	6	45	0	97	0	134	0
Livestock production and management	2	0	2	27	0	23	0	50	0
Fisheries	5	0	5	68	0	77	0	145	0
Production of inputs at site	1	1	2	15	7	20	8	0	50
<b>Total</b>	<b>18</b>	<b>1</b>	<b>19</b>	<b>210</b>	<b>7</b>	<b>269</b>	<b>8</b>	<b>436</b>	<b>50</b>

OC-On-Campus; SO-Sponsored On-Campus

### 4. Training of farmers and farm women in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants					
	OF	SOF	T	M		F		T	
				OF	SOF	OF	SOF	OF	SOF
Crop production	3	0	3	45	0	25	0	45	25
Horticulture	3	0	3	30	0	50	0	48	0
Livestock production and management	3	0	3	50	0	30	0	80	0
Fisheries	2	0	2	27	0	13	0	40	0
<b>Total</b>	<b>11</b>		<b>11</b>	<b>152</b>		<b>118</b>		<b>238</b>	

OF-Off-Campus; SOF-Sponsored Off-Campus

### 5. Training Rural Youth in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants					
	OC	SO	T	M		F		T	
				OC	SO	OC	SO	OC	SO
Mushroom Production	1	2	3	5	6	7	16	34	
Bee-keeping	1	1	1	7	8	8	7	30	
Integrated farming	1		1	20		10		30	
Value addition	1	2		5	9	9	28	51	
Piggery	1		1						
Dairying		1	1						
Poultry	1		1						
Composite fish culture	1		1	25		5		30	
Ornamental fish	1		1	20		10		30	
Fry and fingerling production	1		1	10		15		25	
<b>Total</b>	<b>9</b>	<b>6</b>	<b>15</b>	<b>92</b>	<b>23</b>	<b>64</b>	<b>51</b>	<b>230</b>	

### 6. Training of extension personnel in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants					
	OC	SO	T	M		F		T	
				OC	SO	OC	SO	OC	SO
Productivity enhancement in field crops	3		3	60		30		90	
Soil water conservation	1		1	10		10		20	
Integrated Pest Management	1		1	10		10		20	
Livestock feed and fodder production	1		1	20		10		30	
Low cost and nutrient efficient diet designing	1		1	15		10		25	
<b>Total</b>	<b>7</b>	<b>0</b>	<b>7</b>	<b>115</b>	<b>0</b>	<b>70</b>	<b>0</b>	<b>185</b>	

### 7. Vocational training programmes for Rural Youth

Crop / Enterprise	Duration (days)	Area of training	No. of participants		
			M	F	T
Value addition of local fruit and vegetable	10	Local fruits & bakery	3	19	22
Value addition of local fruit and vegetable	10	Local fruits & bakery	5	18	23
Bee keeping	7	Indian & stig less bee	12	3	15
Food processing	7	Local fruits & vegetable	4	11	15
Mushroom production	7	Oyster production	2	13	15
<b>Total</b>			<b>26</b>	<b>64</b>	<b>90</b>

### 8. On campus sponsored training programmes

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)*	Duration (days)	Discipline	No. of participants			Sponsoring agency
				M	F	T	
1	RY	10	Horticulture	3	19	22	IGSSS(NGO)
2	RY	10	Horticulture	5	18	23	IGSSS(NGO)
3	RY	7	Horticulture	12	3	15	ATARI
4	RY	7	Horticulture	4	11	15	ATARI
5	RY	7	Horticulture	2	13	15	ATARI
<b>Total</b>				<b>26</b>	<b>64</b>	<b>90</b>	

\*F = Farmer, FW = Farm Women, RY = Rural Youth, EP = Extension Personnel

### 9. Extension activities undertaken

Sl. No.	Extension activity	No. of participants		
		M	F	T
1	SHG formation	7	6	13
2	Scientists visit to farmers fields	32	42	74
3	Plant/ Animal Health camp	17	19	36
4	Method demonstration	55	65	120
5	Celebration of important days	68	75	133
6	Exposure visits	7	5	12
<b>Total</b>		<b>186</b>	<b>212</b>	<b>388</b>

### 10. Seed and planting materials produced

A.	Seed Materials	Quantity (qt.)		Value (Rs.)	Total no. of beneficiaries
1	Cereals	340		1780000	32
2	Oilseeds	40		120000	40
3	Flower Crops	1000 nos.		10000	10
4	<b>Others</b>	<b>8200</b>		<b>257800</b>	<b>120</b>
<b>Total</b>		<b>8580 / 1000 nos.</b>		<b>54810</b>	<b>170</b>
B.	Bio-products	Species	Quantity (qt)	Value (Rs.)	Total no. of beneficiaries
5	Bio Fertilizers	E.foetida	2000	20000	-
<b>Total</b>			<b>2000</b>	<b>20000</b>	<b>-</b>
C.	Livestock	Breed	Quantity in nos.	Value (Rs.)	Total no. of beneficiaries
6	Fisheries	Common Carps	5,00,000	10000	10
	Piggery	Cross breed	8	32000	3
<b>Total</b>			<b>500008</b>	<b>42000</b>	<b>13</b>



Participated/organized Annual Ukhrul Flower Festival -2018



Distribution of chicks for doubling of farmer's income at Lungsang Village, Ukhrul District



Demonstration on Cage culture at Mapithel Reservoir in collaboration with ICAR, Manipur Centre



Participation in the State Level Shirui Lily Festival (24- 28th April, 2018)

## KRISHI VIGYAN KENDRA, WEST GARO HILLS

**K**VK West Garo Hills tested eleven technologies through 100 trials at 105 farmers field and demonstrated nine technologies in 11 villages covering 5.25 ha area and 36 units at 87 farmers field during the period under report. KVK conducted 89 training programmes for 1970 beneficiaries, out of which 42 training programme for farmers/farm women, 13 for rural, 4 for extension personnel and 4 vocational as well as 26 sponsored

training. About 311 other extension activities were organized for the benefit of 3596 beneficiaries and five special programmes, 39 messages were sent to 295 farmers. About Rs. 137670.00 were generated through revolving fund and produced 664.48q seeds, 24.5q and 35500 numbers planting materials, 4.5 tonnes, 12 numbers of goat kids.

### 1. On-Farm Testing (OFT) conducted

Sl. No.	Discipline	Crop/ Enterprise	Name of technology assessed	No. of trials	Number of farmers
1	Soil Science / Agronomy	Sali Paddy	Performance evaluation of Sali Paddy	7	14
		Toria	Performance evaluation of toria under rice based cropping system	7	
		Blackgram	Acid soil management in Rabi Blackgram	7	20
		Waste decomposer	Evaluation of microbial consortium for rapid composting	13	
2	Plant Protection	Rice-maize	Management of sheath blight in Sali paddy using biopesticides	7	14
		Rice-tomato	Impact of different baits in managing fruit fly in pumpkin	7	
3	Horticulture	Bottle gourd	Performance evaluation of bottle gourd	7	7
4	Home Science	Sanitation and Hygiene	Identification of farmer's household regarding absence of Sanitation facilities	20	20
5	Animal Science	Poultry	Performance evaluation of dual purpose Poultry varieties in rural backyard of Garo Hills	10	30
		Duckery	Performance evaluation of layer ducks under Garo Hills condition	10	
		Piggery	Low cost feeding management for pigs	5	
<b>Total</b>				<b>100</b>	<b>105</b>

## 2. Frontline demonstrations (FLD) conducted

Sl. No	Crop and Variety/ Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area (in ha)
1	Toria	Integrated Nutrient Management in Toria	3	10	1.5
2	Vermicompost	Low cost vermicomposting using banana pseudo stem as food substrate	3	10	-
3	Fodder production	Hybrid Napier and Guinea grasses production	5	08	2.5
4	Paddy	Integrated Disease Management in Toria	-	07	1.0
5	Tomato	Integrated Disease Management in Tomato		07	0.5
6	Tomato	Varietal performance of Variety : Arka Rakshak		05	0.25
7	Piggery	Breed introduction of Ghungroo X Hampshire (Rani) pigs		15	15 units
8	Poultry	Breed introduction of Srinidhi		15	15 units
9	Banana Fibre	Extraction of banana fibre and rural craft		10	01 unit
<b>Total</b>			<b>11</b>	<b>87</b>	<b>5.25ha/36 units</b>

## 3. Training of farmers and farm women in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OC	SO	T	Male		Female		Total		
				OC	SO	OC	SO	OC	SO	
Crop production	-	1	1	-	2	-	16	-	18	18
Horticulture	2		2	29	0	21	0	50	0	50
Soil health and fertility management	3		3	7	0	58	0	65	0	65
Livestock production and management	3	3	6	11	34	45	73	56	107	163
Home Science/Women empowerment	1	2	3	0	0	12	27	12	27	39
Plant protection	4	1	5	15	35	2	30	13	80	80
<b>Total</b>	<b>13</b>	<b>7</b>	<b>20</b>	<b>97</b>	<b>38</b>	<b>166</b>	<b>129</b>	<b>248</b>	<b>167</b>	<b>415</b>

OC-On-Campus; SO-Sponsored On-Campus

#### 4. Training of farmers and farm women in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OF	SOF	T	Male		Female		Total		
				OF	SOF	OF	SOF	OF	SOF	
Crop production	1	1	2	18	3	18	26	36	29	65
Horticulture	3	3	6	14	28	22	24	36	52	88
Soil health and fertility Management	1	2	3	3	27	21	38	24	65	89
Livestock production and management	0	3	3	0	32	0	51	0	83	83
Home Science/Women empowerment	2	4	6	3	23	38	68	41	91	132
Plant protection	0	2	2	51	4	28	6	23	61	61
<b>Total</b>	<b>7</b>	<b>15</b>	<b>22</b>	<b>131</b>	<b>117</b>	<b>101</b>	<b>213</b>	<b>171</b>	<b>330</b>	<b>552</b>

OF-Off-Campus; SOF-Sponsored Off-Campus

#### 5. Training Rural Youth in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OC	SO	T	Male		Female		Total		
				OC	SO	OC	SO	OC	SO	
Mushroom production	2	-	2	25	-	12	-	37	-	37
Beekeeping	-	-	-	-	-	-	-	-	-	-
Integrated farming	-	-	-	-	-	-	-	-	-	-
Seed production	-	1	1	-	14	-	2	-	16	16
Nursery management of horticulture crops	-	1	1	-	12	-	3	-	15	15
Value addition	3	-	3	3	-	44	-	47	-	47
Piggery	1	1	2	3	5	15	14	18	19	37
Poultry production	-	1	1	-	6	-	9	-	15	15
<b>Total</b>	<b>6</b>	<b>4</b>	<b>10</b>	<b>6</b>	<b>37</b>	<b>59</b>	<b>28</b>	<b>65</b>	<b>65</b>	<b>167</b>

#### 6. Training of Rural Youth in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OF	SOF	T	Male		Female		Total		
				OF	SOF	OF	SOF	OF	SOF	
Mushroom production	-	1	1	-	15	-	20	-	35	35
Seed production	1	-	1	12	-	6	-	18	-	18
Production of organic inputs	1	-	1	11	-	12	-	23	-	23
<b>Total</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>23</b>	<b>15</b>	<b>18</b>	<b>20</b>	<b>41</b>	<b>35</b>	<b>76</b>

### 7. Training of extension personnel in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OC	SO	T	Male		Female		Total		
				OC	SO	OC	SO	OC	SO	
Management in farm animals	1	-	1	8	-	13	-	21	-	21
Production and use of organic inputs	1	-	1	-	-	-	-	-	-	12
<b>Total</b>	<b>2</b>	<b>-</b>	<b>2</b>	<b>8</b>	<b>-</b>	<b>13</b>	<b>-</b>	<b>21</b>	<b>-</b>	<b>33</b>

### 8. Training of extension personnel in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OF	SOF	T	OF	SOF	OF	SOF	OF	SOF	
Soil Water Conservation	1	-	1	10	-	11	-	22	-	22
Soil testing	1	-	1	12	-	12	-	24	-	24
	2	-	2	22	-	23	-	46	-	46

### 9. Vocational training programmes for Rural Youth

Crop / Enterprise	Duration (days)	Area of training	No. of participants		
			M	F	T
Cereals , fruits and vegetables	6	Nursery management	12	3	15
Oyster mushroom	6	Mushroom production	10	3	13
Piggery	6	Pig farming	5	14	19
Fruits and vegetables	6	Processing	0	10	10
		<b>Total</b>	<b>27</b>	<b>30</b>	<b>57</b>

### 10. On campus sponsored training programmes

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)	Duration (days)	Discipline	No. of participants			Sponsoring agency
				M	F	T	
1	RY	1	Agronomy	14	2	16	NFSM
2	F/FW	1	Soil Sc.	11	12	23	NFSM
3	RY	6	Soil Sc.	12	3	15	STRY(MANAGE)
4	RY	6	Plant Pathology	2	13	15	MANAGE,Hyderabad
5	F/FW	2	Animal Sc.	16	54	70	ICAR, RC for NEH Region
6	RY	1	Animal Sc.	6	9	15	ATMA, West Garo Hills
7	F/FW	3	Animal Sc.	15	15	30	NERCORMP, Tura
8	RY	6	Animal Sc.	5	14	19	MANAGE, Hyderrabad
9	F/FW	1	Home Science	0	16	16	NARI
10	F/FW	1	Home Science	0	11	11	NARI
11	F/FW	6	Home Science	0	11	11	NARI
<b>Total</b>				<b>81</b>	<b>160</b>	<b>241</b>	

F = Farmer, FW = Farm Women, RY = Rural Youth, EP = Extension Personnel



### 11. Off campus sponsored training programmes

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)	Duration (days)	Discipline	No. of Participants			Sponsoring Agency
				M	F	T	
1	F/FW	1	Agronomy	18	18	36	NFSM
2	F/FW	6	Agronomy	3	26	29	NFSM
3	F/FW	1	Soil Science	16	22	38	NICRA
4	F/FW	1	Soil Science	11	16	27	NICRA
5	RY	1	Horticulture	10	12	22	NICRA
6	F/FW	1	Horticulture	12	10	22	NICRA
7	F/FW	3	Animal Sc.	16	7	23	Office of the Asstt. Director (Dairy), Tura
8	F/FW	2	Animal Sc.	25	17	42	NICRA
9	F/FW	1	Animal Sc.	13	9	22	NICRA
10	F/FW	1	Animal Sc.	4	27	31	NICRA
11	F/FW	3	Home Science	4	18	22	NICRA
12	F/FW	1	Home Science	13	17	30	NICRA
13	F/FW	1	Home Science	6	17	23	NICRA
14	F/FW	1	Home Science	0	16	16	NICRA
<b>Total</b>				<b>151</b>	<b>232</b>	<b>383</b>	

### 12. Extension activities undertaken

Sl. No.	Extension activity	No. of activities	Grand total		
			M	F	T
1	Advisory services	32	45	33	78
2	Diagnostic visit	46	67	51	118
3	Field day	4	30	97	127
4	Group Discussion	12	194	140	334
5	Kishan Gosthi	2	54	36	90
6	Kishan Mela	-	-	-	-
7	Film show	4	102	85	187
8	SHG formation	1	-	11	11
9	Exhibition	1			
10	Scientists visit to farmers fields	83	174	116	290
11	Farmers visit to KVK	55	365	284	649
12	Plant/ Animal Health camp	3	37	43	80
13	Farm science club	12	120	163	283
14	Ex-trainee Sammelan	3	65	92	157

15	Farmers seminar/ workshop	3	34	21	55
16	Method demonstration	7	69	42	105
17	Celebration of important days	4	71	64	135
18	Exposure visits	1	13	9	22
19	Extension literature	4	-	-	-
20	Newspaper coverage	6	-	-	-
21	Popular articles	1	-	-	-
22	Soil health camp	2	20	44	64
23	Awareness campaign (Kharif & Rabi)	3	156	172	328
24	Lecture delivered as resource person	18	208	203	411
25	PRA	2	36	22	88
26	Farmer-Scientist interaction	2	45	32	77
<b>Grand total</b>		<b>311</b>	<b>1905</b>	<b>1760</b>	<b>3596</b>

### 13. Production and supply of seed materials

A.	Seed materials	Quantity (q) produced	Quantity (q) supplied	Value (Rs.) of quantity produced	Total no. of beneficiaries
					Total
1	Cereals	340.5	40	358000	225
2	Oilseeds	298.2	1.82	2087400	230
3	Pulses	25	0.6	175000	50
4	Others	0.78	0.152	3800	40
	Total	664.48	42.572	2624200	550
B.	Planting material	Quantity (In No.) produced	Quantity (In No.) supplied	Value (Rs.) of quantity produced	Total no. of beneficiaries
5	Fruits	2500	0	11000	100
6	Spices	24.50 q	-	49000	20
7	Vegetables	33000	0	54000	110
8	Total	35500/ 24.50 q	0	114000	230
C.	Bio-products	Species	Quantity (q)	Value (Rs.)	Total no. of beneficiaries
9.	Bio Fertilizers	<i>E.foetida</i>	30	30000	20
D.	Livestock	Breed	Quantity	Value (Rs.)	Total no. of beneficiaries
10	Cattle/ Dairy	Cross bred cows	9380 l milk	469000/-	
11	Goat	Black Bengal	12 Kids	30000/-	-
12	Fodder	Hamil/ NB21/ IGFR13	4.5 tonnes	9000/-	-



Demonstration on nutrition garden under NARI



Demonstration on low cost Vermicomposting

## KRISHI VIGYAN KENDRA, WEST SIANG

**K**VK West Siang, Arunachal Pradesh had tested 9 technologies through 61 trials at 78 farmers field and demonstrated six technologies covering 6 ha area and 60 units at 12 different villages during the period under report. KVK had conducted 19 training programme for 560 beneficiaries, out of which 17 for farmers/ farm

women, one each for rural youth and extension functionaries with 304 other extension activities for 1755 beneficiaries. About 4.4 q seeds produced by the KVK during the reporting year. Total 24884 famers were benefitted through sending of 92 messages on agricultural activities.

### 1. On-Farm Testing (OFT) conducted

Sl. No.	Discipline	Crop/ Enterprise	Name of technology assessed	No. of trials	Number of farmers
1	Plant Breeding	Soyabean	Assessment of performance of new variety Soyabean (Dsd-19)	6	12
		Paddy	Assessment of performance of new variety WRC Rice Var. CAU R-1	6	
2	Extension	Group Dynamics	Study of Relative performance of farmers club in Basar and Tirbin circle	-	5
3	Plant Protection	Bottle gourds	Assessment of fruit fly management in bottle gourds	30	35
		Potato	Assessment of red ant and late blight management in potato	5	
4	Horticulture	large cardamom	Cultivation practices of large cardamom.( large cardamom. var. Ramsey/Sawney)	2	2
5	Home Science	Value addition	Value addition through products making from orange, pineapple	5	5
6	Animal Science	Piggery	Introduction and performance evaluation of Large White Yorkshire, large black and Hampshire cross breed of pigs.	9	19
		Poultry	Assessment of nest box for backyard poultry production	10	
<b>Total</b>				<b>61</b>	<b>78</b>

## 2. Frontline demonstrations (FLD) conducted

Sl. No	Crop/Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area in ha
1	Pea (Azad P-1)	Seed multiplication	03	06	2.5
2	Rapeseed (TS-38)	Seed multiplication	03	06	2.5
3	Mushroom	Mushroom cultivation	04	15	
4	Paddy	Demonstration on management of Gundhi bug	02	10	1
5	Piggery	Nutritional management	-	-	30 (3pigs/unit)
6	Goat	Health management & Nutrition management	-	-	30 (3pigs/unit)
<b>Total</b>			<b>12</b>	<b>37</b>	<b>6ha/60 units</b>

## 3. Training of farmers and farm women in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OC	SOC	T	M		F		T		
				OC	SOC	OC	SOC	OC	SOC	
Crop protection	1		1	51	-	-	-	51	-	51
Livestock production and management	1	-	1	19	-	-	-	19	-	19
Home Science	1		1	38				38		38
<b>Total</b>	<b>3</b>		<b>3</b>	<b>108</b>				<b>108</b>		<b>108</b>

OC-On-Campus; SOC-Sponsored On-Campus

## 4. Training of farmers and farm women in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OF	SOF	T	M		F		T		
				OF	SOF	OF	SOF	OF	SOF	
Crop production	1		1	5		20		25		25
Horticulture	2	0	2							
Livestock production and management	2	0	2	24	0	36		60	0	60
Plant protection	5	0	5	23	0	123	0	140	0	140
Capacity building and group dynamics	2	-	2	33	-	21	-	54		54
Home Science	1		1	6		24		30		30
Soil health	1		1	10		22		32		32
<b>Total</b>	<b>14</b>		<b>14</b>	<b>122</b>		<b>279</b>		<b>401</b>		<b>401</b>

OF-Off-Campus; SOF-Sponsored Off-Campus

### 5. Training of Rural Youth in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OF	SOF	T	M		F		T		
				OF	SOF	OF	SOF	OF	SOF	
Scientific livestock farming	1		1	15		17		32		32
<b>Total</b>	<b>1</b>		<b>1</b>	<b>15</b>		<b>17</b>		<b>32</b>		<b>32</b>

### 6. Training of extension personnel in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OC	SOC	T	M		F		T		
				OC	SOC	OC	SOC	OC	SOC	
Scientific livestock farming	1	-	1	15	-	4	-	19	-	19
<b>Total</b>	<b>1</b>	<b>-</b>	<b>1</b>	<b>15</b>	<b>-</b>	<b>4</b>	<b>-</b>	<b>19</b>	<b>-</b>	<b>19</b>

### 7. Extension activities undertaken

Sl. No.	Extension activities	No. of programme	No. of participants	Total
1	Diagnostic visits	66	76	152
2	Advisory Services	16		mass
3	Animal Health Camp	2	50	72
4	Soil Health Camp	2	25	42
5	Celebration of important days	12	500	750
6	Exhibition	3		
7	Farmers Visit to KVK	144	36	144
8	Field Day	1	23	28
9	Group meetings/ Discussion	4	27	50
10	Awareness Camp	1	16	26
11	Kisan Mela	1		
12	Mahila Mandal Conveners' meetings	-	-	-
13	Method Demonstrations	2	18	38
14	Scientists visit to farmers field	29	48	132
15	Self Help Group Conveners meetings	1	20	20
16	Soil health/ testing Campaigns	2	25	42
17	Film show	4	58	146
<b>A.</b>	<b>Total</b>	<b>290</b>	<b>994</b>	<b>1652</b>
18	Newspaper coverage	7		
19	Research papers	1		
20	Lecture delivered as resource person	6	84	103
<b>B.</b>	<b>Total</b>	<b>14</b>	<b>84</b>	<b>103</b>
<b>Grand total (A+B)</b>		<b>304</b>	<b>1078</b>	<b>1755</b>



## 8. Production and supply of seed materials

A.	Seed materials	Quantity (q) produced	Value (Rs.) of quantity produced	Total no. of beneficiaries
1	Cereals	1.50	5250	06
2	Oilseeds	0.15	900	06
3	Pulses	2.75	23300	12
	<b>Total</b>	<b>4.40</b>	<b>29450</b>	<b>24</b>

## KRISHI VIGYAN KENDRA, WEST TRIPURA

**K**VK West Tripura had tested three technologies through 42 trials at 54 farmers' field and 5 technologies demonstrated in 24 different villages covering 175 ha area and 10 units at 1380 farmers' field. About 27 training programme was conducted for the benefit of 777 beneficiaries.

About 77 other extension activities were undertaken for the benefit of 1503 farmers in the district. KVK West Tripura produced 500 q of seeds for the distribution to the farmers and 48 messages were sent to 200 farmers/farm women /rural youth etc during the period under report.

### 1. On-Farm Testing (OFT) conducted

Sl. No.	Discipline	Crop/ Enterprise	Name of technology assessed	No. of trials	Number of farmers
1	Soil Science	Rice	Evaluating the fertilizer N dose for optimum production of the improved rice variety <i>Gomati</i>	25	7
2	Agronomy	Rice-Mustard	Spraying of 2% urea during flowering and pod filling stage of mustard	10	10
3		Rice-pea	Performance trial on Garden pea cultivation under minimum tillage (MT) with organic nutrient management under rice-pea cropping sequence	7	37
<b>Total</b>				<b>42</b>	<b>54</b>

### 2. Frontline demonstrations (FLD) conducted

Sl. No	Crop and Variety/ Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area in ha
1	Rice	Improved variety of rice (var. gomati)	10	1000	100
2	Mustard	Improved variety of Indian mustard var. NRCHB-101	4	100	25
3	Maize	Improved var. of maize var. HQPM-1	4	200	30
4	Lentil	Improved variety of lentil var. WBL-77	4	50	20
5	Mushroom production	Popularization of oyster mushroom	2	30	10units per farm women
<b>Total</b>			<b>24</b>	<b>1380</b>	<b>175ha/10 units</b>



### 3. Training of farmers and farm women in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OC	SOC	T	M		F		T		
				OC	SOC	OC	SOC	OC	SOC	
Crop production	-	1	1	-	-	-	-	42	55	97
Horticulture	-	1	1	-	-	-	-	42	55	97
<b>Total</b>		<b>2</b>	<b>2</b>					<b>84</b>	<b>110</b>	<b>194</b>

OC-On-Campus; SOC-Sponsored On-Campus

### 4. Training of Farmers and Farm Women in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OF	SOF	T	M		F		T		
				OF	SOF	OF	SOF	OF	SOF	
Crop production	7	0	7	140	0	8	0	148	0	148
Soil health and fertility management	12	0	12	204	0	32	0	215	0	288
<b>Total</b>	<b>19</b>	<b>0</b>	<b>19</b>	<b>344</b>	<b>0</b>	<b>40</b>	<b>0</b>	<b>363</b>	<b>0</b>	<b>436</b>

OF-Off-Campus; SOF-Sponsored Off-Campus

### 5. Training of Rural Youth in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OF	SOF	T	M		F		T		
				OF	SOF	OF	SOF	OF	SOF	
Integrated farming	1	-	1	19	-	-	-	19	-	19
Seed production	1	-	1	23	-	-	-	23	-	23
<b>Total</b>	<b>2</b>		<b>2</b>	<b>42</b>				<b>42</b>		<b>42</b>

### 6. Training of extension personnel in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	OC	SOC	T	M		F		T		
				OC	SOC	OC	SOC	OC	SOC	
Productivity enhancement in field crops	1	-	1	19	-	-	-	19	-	19
Integrated nutrient management	1	-	1	20	-	-	-	20	-	20
<b>Total</b>	<b>2</b>		<b>2</b>	<b>39</b>				<b>39</b>		<b>39</b>

## 7. Vocational training programmes for Rural Youth

Crop / Enterprise	Duration (days)	Area of training	No. of participants		
			M	F	T
Crop	5 days	Nutrient management	21	22	43
IFS	5 days	Farming system	19	4	23
<b>Total</b>			<b>40</b>	<b>26</b>	<b>66</b>

## 8. On campus sponsored training programmes

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)	Duration (days)	Discipline	No. of participants			Sponsoring agency
				M	F	T	
1	F &FW	01	Agronomy	42	55	97	GKMS

F = Farmer, FW = Farm Women, RY = Rural Youth, EP = Extension Personnel

## 9. Off campus sponsored training programmes

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)	Duration (days)	Discipline	Total No. of Participants			Sponsoring agency
				M	F	T	
1	F &FW	01	Soil science	10	50	60	TSP

## 10. Extension activities undertaken

Sl. No.	Extension Activities	No. of programme	Male	Female	Total
<b>A.</b>					
1	Diagnostic visits	3	55	-	55
2	Advisory services	4	40	-	40
3	Celebration of important days	3	120	80	200
4	Exposure visits	2	25	25	50
5	Farmers visit to KVK	10	110	40	150
6	Field day	4	65	45	110
7	Group meetings/ discussion	1	35	25	60
8	Awareness camp	1	10	10	20
9	KisanGosthi				
10	KisanMela	1	200	250	450
11	Method demonstrations	4	20	20	40
12	Scientists visit to farmers field	28	68	60	128
13	Soil health/ testing campaigns	1	60	40	100
14	Lecture delivered as resource person	2	50	50	100
	<b>Total</b>	<b>64</b>	<b>858</b>	<b>645</b>	<b>1503</b>

<b>B.</b>	<b>Other Extension Activities</b>				
1	Newspaper coverage	3	-	-	-
2	News letter	1	-	-	-
3	Research papers	7	-	-	-
4	Extension literature	2	-	-	-
<b>Total</b>		<b>13</b>	-	-	-
<b>Grand Total (A+B)</b>		<b>77</b>	<b>858</b>	<b>645</b>	<b>1503</b>

### 11. Production and supply of seed materials

<b>A.</b>	<b>Seed materials</b>	<b>Quantity (qt.)</b>	<b>Value (Rs.)</b>	<b>Total no. of beneficiaries</b>
1	Cereals	500	65000	300



Demonstration on Mustard var NRCHB101



Demonstration on Lentil

## KRISHI VIGYAN KENDRA, WOKHA

**K**VK Wokha had tested five technologies through 115 trials at 115 farmers' field and 8 technologies demonstrated in 31 different villages covering 80 ha area and 59 units at 738 farmers' field. About 39 training programme was conducted for the benefit of 855 beneficiaries. About

182 other extension activities were undertaken for the benefit of 3790 farmers in the district. KVK Wokha produced 42.69 q of seeds for the distribution to the farmers and 696 messages were sent to 671 farmers/farm women /rural youth etc and generated Rs. 23190 as income from revolving fund during the period under report.

### 1. On-Farm Testing (OFT) conducted

Sl. No.	Discipline	Crop/ Enterprise	Name of technology assessed	No. of trials	Number of farmers
1	Horticulture	Mono cropping	Evaluation performance of onion var. PusaRiddhi and ArkaLaliman	7	12
		Paddy-cauliflower	Performance trial on cauliflower var. PusaSharad, PusaKartikSankar	5	
2	Agriculture Extension	Soybean	Impact study of cluster frontline demonstration of oil seeds (Soybean JS 95 60)	50	100
		Lentil	Impact study of cluster frontline demonstration of Lentil (HUL -57)	50	
3	Animal Science	Piggery	Effect of low- cost pig pen model housing on production performance of pig	03	03
<b>Total</b>				<b>115</b>	<b>115</b>

### 2. Frontline demonstrations (FLD) conducted

Sl. No	Crop/ Enterprise	Technology demonstrated	Horizontal spread of technology		
			No. of villages	No. of farmers	Area (in ha)
1	Cabbage	Variety. KGMR-1; Spacing: 45X30 cm; Seed rate: 500 g/ha; Nutrient requirement: 120:60:60 NPK kg/ha; Weed Control: 2 hoeing and weeding; Potential yield: 350 q/ha	5	10	0.5
2	Broccoli var. Pusa broccoli	Variety: Pusa broccoli KTS-1; Spacing: 45 X 45 cm Seed rate: 500 g/ ha; Nutrient requirement: 120:60:60 NPK Kg/ha; Weed control: 2 hoeing and weeding; Potential yield: 16t/ha	5	10	0.5

3	Group formation	Bank – SHG linkage: 100 % of the sample SHG has bank account and 76 % has good linkage with the banks and 72 % of the group members have their own individual bank account	5	486	50 groups
4	Oyster mushroom cultivation	Period : Round the year; Housing : Low cost; Substrate : Paddy straw; Potential yield : 4.5 kg per bag	3	25	9 unit
5	Soybean JS 95-60	Popularization of soybean var JS 95-60	3	91	20
6	Toria TS 67	Promotion and popularization of Toriavar. TS 67	4	56	20
7	Linseed Parvati	Popularization of linseed var. Parvati	4	75	30
8	Field pea var. Aman	Popularization of field pea var. Aman	2	30	10
<b>Total</b>			<b>31</b>	<b>783</b>	<b>81ha/59 units</b>

### 3. Training of farmers and farm women in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	On	Sp. On	Total	Male		Female		Total		
				On	Sp. On	On	Sp. On	On	Sp. On	
Horticulture	2	1	3	8	16	12	4	20	20	40
Capacity building and group dynamics	1	0	1	1	-	19	-	20	-	20
<b>Total</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>9</b>	<b>16</b>	<b>31</b>	<b>4</b>	<b>40</b>	<b>20</b>	<b>60</b>

### 4. Training of farmers and farm women in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp. Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off*	
Horticulture	8	-	8	75	-	159	-	234	-	234
Home Science/Women empowerment	3	-	3	11	-	64	-	75	-	75
Capacity building and group dynamics	3	-	3	34	-	44	-	78	-	78
<b>Total</b>	<b>14</b>	<b>-</b>	<b>14</b>	<b>120</b>	<b>-</b>	<b>267</b>	<b>-</b>	<b>387</b>	<b>-</b>	<b>387</b>

### 5. Training of Rural Youth in On Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	On	Sp. On	Total	Male		Female		Total		
				On	Sp. On	On	Sp. On	On	Sp. On	
Horticulture	4	2	6	15	11	65	7	80	18	98
Livestock production	-	3	3	-	25	-	29	-	54	54
<b>Total</b>	<b>4</b>	<b>5</b>	<b>9</b>	<b>15</b>	<b>36</b>	<b>65</b>	<b>36</b>	<b>80</b>	<b>72</b>	<b>152</b>

### 6. Training of Rural Youth in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Horticulture	5	-	5	44	-	87	-	131	-	131
Livestock production	1	-	1	10	-	05	-	15	-	15

### 7. Training of extension personnel in Off Campus including sponsored programmes

Thematic area	No. of courses			No. of participants						Grand total
	Off	Sp Off	Total	Male		Female		Total		
				Off	Sp Off	Off	Sp Off	Off	Sp Off	
Protected cultivation technology	1	-	1	3	-	12	-	15	-	15
Capacity building for ICT application	2	-	2	3	-	33	-	36	-	36
Household food security	1	-	1	-	-	21	-	21	-	21
<b>Total</b>	<b>4</b>	<b>-</b>	<b>4</b>	<b>6</b>	<b>-</b>	<b>66</b>	<b>-</b>	<b>72</b>	<b>-</b>	<b>72</b>

### 8. Vocational training programmes for Rural Youth

Crop / Enterprise	Duration (days)	Area of training	No. of participants		
			M	F	T
Cut flower production	5 Days	Cut flower production	1	19	20
Mushroom	7 Days	Mushroom production	6	12	18
		<b>Total</b>	<b>7</b>	<b>31</b>	<b>38</b>

### 9. On campus sponsored training programmes

Sl. No.	Beneficiary group (F/ FW/ RY/ EP)	Duration (days)	Discipline	No. of participants			Sponsoring agency
				M	F	T	
1	Farmer & Farm Women	25	Horticulture	16	04	20	ASCI
2	Rural Youth	5	Horticulture	01	19	20	ARYA
3	Rural Youth	7	Extension	6	12	18	MANAGE
4	Rural Youth	7	Animal science	7	10	17	MANAGE
5	Rural Youth	7	Animal science	10	07	17	MANAGE
6	Rural Youth	25	Animal science	08	12	20	ASCI

### 10. Extension activities undertaken

Sl. No.	Extension activity	No. of activities	No. of participants		
			M	F	T
1	Advisory services	20	28	64	92
2	Diagnostic visits	8	4	4	8
3	Celebration of important days	-	36	28	64
5	Exposure visits		02	08	10
6	Field day	-	26	39	65
7	Group meetings/ discussion	32	129	250	379
8	Method demonstrations	20	120	137	257
9	Scientists visit to farmers field	86	95	83	178
10	Farmers scientist interactions	3	180	165	345
11	Film show	-	20	30	50
12	Exhibitions	-	600	400	1000
13	Newspaper coverage	5	400	600	1000
<b>Extension activities through publication</b>					
1	Electronic media (CD/DVD)	-	97	112	209
2	Lecture delivered as resource person	8	31	102	133
<b>Grand total</b>		<b>182</b>	<b>1768</b>	<b>2022</b>	<b>3790</b>

### 11. Production and supply of seed materials

A.	Seed materials	Quantity (qt)	Value (Rs.)	Total no.of beneficiaries
1	Cereals	20.5	179760	216
2	Oilseeds	12.10	66600	30
3	Pulses	10.00	38140	62
<b>Total</b>		<b>42.6</b>	<b>284,500</b>	<b>308</b>
B.	Planting material	Quantity (Numbers)		Total no. of beneficiaries
4	Chilli	300		-
5	Others Tree beans	1000		-
			4500	
			10000	

<b>Total</b>		<b>1300</b>		<b>14500</b>	<b>-</b>
<b>C.</b>	<b>Bio-products</b>	<b>Quantity (qt)</b>			
6	Vermicomposts	5		10000	
<b>D.</b>	<b>Livestock</b>	<b>Breed</b>	<b>Quantity in nos.</b>	<b>Value (Rs.)</b>	<b>Total no. of beneficiaries</b>
7	Piggery	Hampshire cross	35	2,12,670	20
8	Poultry	Vanaraja	472 (fertile eggs)	10304	22
9	Other (specify)	Duck	-	1565	3
<b>Total</b>		<b>35</b>		<b>2,24,539</b>	<b>45</b>



Field day on Soybean



OFT on Pig farming



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