

ANNUAL REPORT 2016-17





Chief Editor : Dr. Manish Kanwat

Co-editor :Mr. Soibam Peter Singh Mr. Khoisnam Naveen Dr. Senpon Ngomle Miss. Rebecca Eko Dr. Tilling Tayo Mr. Prasanta Mahanta

Designed by: Mr. Keshab Ch. Gogoi

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

PROFORMA FOR ANNUAL REPORT OF KVKS, 2016-17

<u>1. GENERAL INFORMATION ABOUT THE KVK</u>

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

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

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

| Address: | Telephone | | E mail |
|-----------------------|-------------|-------------|---------------------------|
| ICAR AP Centre, Basar | Office | FAX | Jdapcentre.icar@gmail.com |
| Arunachal Pradesh | | | |
| | 03795226237 | 03795226296 | |

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

| Name | Telephone / Contact | | | | |
|-------------------|---------------------|------------|------------------------|--|--|
| Dr. Manish Kanwat | Residence | Mobile | Email | | |
| | Ojing | 9436424845 | kanwatmanish@gmail.com | | |
| | Apartment, | | | | |
| | Hayuliang | | | | |

1.4. Year of sanction: 2015

1.5. Staff Position (As on 31st March, 2017)

| Sl. No. | Sanctioned post | Name of the incumbent | Designati on | Disciplin e | Pay Scal e (Rs.) | Presen t basic (Rs.) | Date of joinin g | Permanent /Temporar y | Categor y (SC/ST/ OBC/ Others) |
|------------|------------------------------|---------------------------|---------------------------------|---------------------|----------------------------------|----------------------------|---------------------------|-----------------------------|--|
| 1 | Programme Coordinator | Dr. Manish Kanwat | Sr. Scientist & Head | Agril. Ext | 3740 0- 6700 0+90 00 | 38800 | 19/10/ 2015 | Permanent | ST |
| 2 | Subject Matter Specialist | Mr. Soibam Peter Singh | Subject Matter Specialist | Agril. Econ | 1560 0- 3910 0 | 21630 | 12/01/ 2015 | Permanent | Gen |
| 3 | Subject Matter Specialist | Mr. Khoisnam Naveen | Subject Matter Specialist | Agronom y | 1560 0- 3910 0 | 21630 | 20/01/ 2015 | Permanent | Gen |
| 4 | Subject Matter Specialist | Dr. Senpon Ngomle | Subject Matter Specialist | Plant Protection | 1560 0- 3910 0 | 21630 | 23/02/ 2015 | Permanent | ST |
| 5 | Subject Matter Specialist | Miss Rebecca Eko | Subject Matter Specialist | Horticultu re | 1560 0- 3910 0 | 21630 | 03/03/ 2015 | Permanent | ST |
| 6 | Subject Matter Specialist | Dr. Tilling Tayo | Subject Matter Specialist | Animal Sciences | 1560 0- 3910 0 | 21630 | 5/03/2 015 | Permanent | ST |

| 7 | Subject Matter Specialist | Vacant | - | - | - | - | - | - | - |
|----|--------------------------------|-----------------------------|----------------------------|-----|------------------------|------|----------------|-----------|---------|
| 8 | Programme Assistant | Vacant | - | - | - | - | - | - | - |
| 9 | Computer Programmer | Mr. Keshab Chandra Gogoi | Computer Programm er | MCA | 9300 - 3480 0 | 9579 | 31/01/ 2015 | Permanent | General |
| 10 | Farm Manager | Vacant | - | - | - | - | - | - | - |
| 11 | Accountant / Superintendent | Vacant | - | - | - | - | - | - | - |
| 12 | Stenographer | Vacant | - | - | - | - | - | - | - |
| 13 | Driver | Vacant | - | - | - | - | - | - | - |
| 14 | Driver | Vacant | - | - | - | - | - | - | - |
| 15 | Supporting staff | Vacant | - | - | - | - | - | - | - |
| 16 | Supporting staff | Vacant | - | - | - | - | - | - | - |
| | Total | 07 | - | - | - | - | - | - | - |

Note: No column in the table must be left blank

- 1.6. a. Total land with KVK (in ha) : 20
 - b. Total cultivable land with KVK (in ha): 5
 - c. Total cultivated land (in ha): 4

| S. No. | Item | Area (ha) |
|--------|--|-----------|
| 1 | Under Buildings (Administrative building+ Farmers' Hostel+ Staff Quarters) | 1.5 |
| 2. | Under Demonstration Units | 1 |
| 3. | Under Crops (Cereals, pulses, oilseeds etc.) | 1 |
| 4. | Under vegetables | 0.5 |
| 5. | Orchard/Agro-forestry | 1 |
| 6. | Others (specify) | 0.5 |

1.7. Infrastructural Development:

A) Buildings

| | | Source | | Stag | <u>}</u> | | | |
|------|------------------|---------|------------|----------|-------------|----------|---------|--------------|
| S | | of | | Complete | } | | Incompl | ete |
| No | Name of building | funding | Completion | Plinth | Expenditure | Starting | Plinth | Status of |
| 110. | | | Date | area | (Rs) | Date | area | construction |
| | | | Date | (Sq. m.) | (13.) | Date | (Sq.m) | construction |
| 1. | Administrative | ICAR | NIL | NIL | NIL | NIL | NIL | NIL |
| | Building | | | | | | | |
| 2. | Farmers Hostel | | NIL | NIL | NIL | NIL | NIL | NIL |
| | | | | | | | | |

| 3. | Staff Quarters (6) | NIL | NIL | NIL | NIL | NIL | NIL |
|----|-------------------------|-----|-----|-----|-----|-----|-----|
| 4. | Demonstration Units (2) | NIL | NIL | NIL | NIL | NIL | NIL |
| 5 | Fencing | NIL | NIL | NIL | NIL | NIL | NIL |

B) Vehicles

| Type of vehicle | Regd. No. | Year of purchase | Cost (Rs.) | Total kms. Run | Present status |
|-----------------|-------------|---------------------|------------|----------------|-------------------|
| Bolero | ML-10B 4102 | 2016 | 848126 | 8900 | Running |

C) Equipment's & AV aids

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

Computer

1.8. A). Details SAC meeting* conducted in the year 2016-17

| Sl. No. | Date | Name and Designation of Participants | Salient Recommendations | Action taken on last SAC recommendation |
|---------|------------|---|--|--|
| 1. | 16/03/2017 | Smt. M. Riba, Chairman & Deputy Commissioner Anjaw Dr. Manish Kanwat, Sr. Scientist and Head, KVK Anjaw Dr. Tojum Ete, Chief Guest & ADC Incharge (CO Hayuliang) Mr. Aniyang Ratan, Guest of Honour & CO Chaglagam- Metengliang Circle Mr. N. Longri, DFDO, Hawai Mr. T.T. Hai, HDO, Hawai Mr. Nakur Saikai, Branch Manager, SBI, Hayuliang | Strengthening line department, KVK and other organizations to strength the farmers mindset by providing technical brainstorming and motivation so as to run their own enterprise and sustain livelihood. Coverage of more nos. of villages like Paya, Glatonglat, Chingwinty as model villages for showcasing the latest technology as well as promotion of resources | > OFT taken up under pulses crops viz, green gram, soybean, field peas etc. > Nutritional Garden taken up as OFT at VKV, Amliang village. > Organizing 5 nos. Animal Health Camp at different villages > Conducting 2 nos. of PRA at Nilang and Metengliang > Virus indexing of |

| 8. Dr. N. Nyodu, DVO, Anjaw | and other activities. | viral diseases |
|--|---|---------------------------|
| 9. Mr. Khuweso Tamai, Progressive farmer | Promotion of floriculture in the district and develop | Foorkey in L. Cardamom |
| Mr. Sonem Tayang, Progressive farmer Mr. Noning Pul, Progressive farmer Karnia Basar, Progressive farmer Mr. Soibam Peter Singh, SMS | the district as the export hub of cut-flower in the coming years. Activities should be taken up to minimize the inbreeding depression in the district. Expansion of more area | |
| Mr. Soldan Peter Shigh, SMS Social Science, KVK Anjaw Mr. Khoisnam Naveen, SMS Agronomy, KVK Anjaw Dr. Senpon Ngomle, SMS Protection, KVK Anjaw Ms. Rebecca Eko, SMS Horticulture, KVK Anjaw Dr. Tilling Tayo, SMS Animal Science, KVK Anjaw Mr. Keshab Chandra Gogoi, Computer Programmer, KVK Anjaw | Expansion of more area under pulses crops. Provision of employment among the farm women and rural youths though opening of Farmers Club and SHG Horizontal expansion of oyster mushroom cultivation in he district. | |

Proceedings of Scientific Advisory Committee Meeting KVK Anjaw, Metengliang Date 15th March 2017

The following members were present during the meetings

- 1. Smt. M. Riba, Chairwoman & Deputy Commissioner Anjaw
- 2. Dr. Manish Kanwat, Sr. Scientist and Head, KVK Anjaw
- 3. Dr. Toijum Ete, Chief Guest & ADC Incharge (CO Hayuliang)
- 4. Mr. Aniyang Ratan, Guest of Honour & CO Chaglagam-Metenglaing Circle
- 5. Mr. N. Longri, DFDO, Hawai
- 6. Mr. T.T. Hai, HDO, Hawai
- 7. Mr. Nakur Saikai, Branch Manager, SBI Hayulaing
- 8. Dr. N. Nyodu, DVO, Anjaw
- 9. Mr. Khuweso Tamai, Progressive farmer
- 10. Mr. Sonem Tayang, Progressive farmer
- 11. Mr. Noning Pul, Progressive farmer
- 12. Karnia Basar, Progressive farmer
- 13. Mr. Soibam Peter Singh, SMS Social Science, KVK Anjaw
- 14. Mr. Khoisnam Naveen, SMS Agronomy, KVK Anjaw
- 15. Dr. Senpon Ngomle, SMS Protection, KVK Anjaw
- 16. Ms. Rebecca Eko, SMS Horticulture, KVK Anjaw
- 17. Dr. Tilling Tayo, SMS Animal Science, KVK Anjaw
- 18. Mr. Keshab Chandra Gogoi, Computer Programmer, KVK Anjaw

The Scientific Advisory Committee Meeting was held on 15th March, 2017 at Hayuliang, Arunachal Pradesh. The meeting was held under the Chairmanship of Deputy Commissioner Anjaw district and attended by ADC In-charge, CO Hayuliang, CO Chaglagam, DVO, HDO, DFDO and Branch Manager, SBI Hayuliang. The meeting started with welcome address by Dr. Manish Kanwat, Sr. Scientist & Head, KVK, Anjaw. He highlighted the activities and progress of works undertaken by KVK Anjaw during the last year 2016-17. In this continuation, he also briefed that KVK Anjaw has established the cybernetic cell for the welfare of farming community and also briefed out the importance of horticulture based farming System for sustainable livelihood. In this connection, he also for emphasized to establishing the nursery for necessary quality planting materials to supply to the farmer to combat viral disease infestation in district.

Smt. M. Riba, Hon'ble Deputy Commissioner, Anjaw host the occasion as the chairman. She praised KVK activities which is being performed by the team of KVK Anjaw. She also emphasized that it is high time that all the line departments should work in convergence mode with the KVK for bringing betterment of the farming community. She also urged to all the line department to strength the people mindset by providing technical brainstorming and motivation so as to run their own enterprise and sustain livelihood. She asked the KVK and line departments to select some of the villages like Paya, Glatonglat, Chingwinty as model villages for showcasing the latest technology as well as promotion of resources and other activities. Moreover she also advocated the KVK and line department to promote the flower cultivation in the district and develop the district as the export hub of cut-flower in the coming years. Thereafter, respective SMSs of different streams of KVK presented their achievements and actions plan. Afterwards an interaction session was held for incorporating extra suggestion in the action plan. The meeting was concluded with the vote thanks from Soibam Peter Singh, SMS (Social Science)

| Sl.no | Suggestion | Recommended by | Action to be taken by |
|-------|--|------------------------|-----------------------|
| 1. | To study how and where large cardamom originated initially in Anjaw District | DC, Anjaw | SMS, Social Sciences |
| 2. | Construction of water Tank, Jalkund and Diesel operated Generator at Barfu | DC, Anjaw | ADC |
| 3. | Digging of ponds at Barfu by MNREGA | DC Anjaw | ADC and State Depart. |
| 4. | Intervention for Price regulation and e- commerce for checking distress sale/APMC Board | DC, Anjaw | DAO & PC |
| 5. | Promotion and encouragement of Bee keeping | DC Anjaw | SMS Plant Protection |
| 6. | Training on guidelines of price regulation to APMC Board members | DC Anjaw | SMS Social Science. |
| 7. | Comparative study of the survey conducted by BDO and KVK | DC Anjaw and PC KVK | SMS Social Science. |
| 8. | To explore the options of grading and processing unit in Anjaw District | DC Anjaw | DHO, DAO |
| 9. | Training of Farmers and FPO | DC Anjaw | SMS Science |
| 10. | Collection of edible and local Mushroom for establishing Mushroom museum at KVK | PC KVK | SMS PP |
| 11. | Establishing contacts with supplying firms for easy transportation of KVK items along with State Depart. from Tezu | DC Anjaw | PC KVK |
| 12. | Use of deep freezer at Tezu for KVK medicines | DC Anjaw/DVO | SMS Animal Science. |
| 13. | Imparting trainings about mulching and Soil moisture conservation practices | DC Anjaw | SMS Agronomy. |
| 14. | Establishing of Piggery/Poultry unit | DC Anjaw | SMS Animal Science. |

| | through SHG and cooperative approach | | |
|-----|---|--------------|----------------------|
| 15. | Micro chipping of Mithun | DC Anjaw | SMS Animal Science. |
| 16. | Training of extension functionaries for | DC Anjaw, PC | SMS Animal Science. |
| | imparting para medics activity at village | KVK | |
| | level | | |
| 17. | Convergence with DAO for ATMA | DC Anjaw | PC KVK |
| | related Training and activities | | |
| 18. | Collaboration with State Departments for | DC Anjaw, PC | SMS Animal Science. |
| | Vaccination and Animal Health Camp | KVK | |
| 19. | Prohibitory Order for containment of | DC Anjaw | State Administration |
| | disease outbreaks for summer and Winter | | |
| 20. | Involvement of Gram Shaba members for | DC Anjaw | State Administration |
| | digging of ponds through MNREGA | | |
| 21. | Organizing food festivals for creating | DC Anjaw | PC KVK |
| | awareness, importance and popularizing | | |
| | different crop and food items of Anjaw | | |
| | District | | |
| 22. | Heavy introduction of floriculture for | DC Anjaw | SMS Horticulture |

2. DETAILS OF DISTRICT

| 2.1 | Major farming systems/enterprises | (based on the analysis made by the KVK) |
|-----|-----------------------------------|---|
| | J U J I | |

| Sl. No | Farming system/enterprises | |
|--------|---|--|
| 1. | WRC/ TRC Paddy | |
| 2. | Millet (Finger millet, foxtail, kodo etc) | |
| 3. | Potato | |
| 4. | Pulses | |
| 5. | Vegetables | |

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

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

2.3 Soil type/s

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

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

| Сгор | Total Area | Total Production | Yield |
|--------|------------|------------------|-------|
| Rice | 122740 | 134807 | 10.98 |
| Maize | 35637 | 48346 | 13.56 |
| Millet | 19800 | 17123 | 8.64 |
| Wheat | 3896 | 5096 | 13.00 |

| Pulses | 6554 | 6634 | 10.12 |
|------------------------|--------|--------|-------|
| Total food crops | 188627 | 211979 | 11.23 |
| Potato | 4960 | 32434 | 65.39 |
| Ginger | 4399 | 34890 | 79.31 |
| Oil seeds | 27748 | 27228 | 9.81 |
| Turmeric | 404 | 1473 | 36.45 |
| Chilli | 1499 | 1696 | 11.31 |
| Sugarcane | 809 | 16219 | 20.04 |
| Seasonal vegetables | 12811 | 37060 | 20.04 |
| Total commercial crops | 52630 | 151000 | 28.69 |

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

2.5. Weather data

_

| Month | Minimum Temperature (⁰ C) | Maximum Temperature (⁰ C) | Relative Humidity (%) |
|-------|---------------------------------------|---------------------------------------|-----------------------|
| J | 10 | 28 | 62 |
| F | 12 | 30 | 63 |
| М | 22 | 32 | 90 |
| А | 25 | 33 | 72 |

| М | 18 | 38.5 | 86 |
|---|------|------|----|
| J | 26.7 | 40.5 | 77 |
| J | 26.4 | 31.9 | 90 |
| А | 26.6 | 30.8 | 88 |
| S | 26.3 | 32.8 | 78 |
| 0 | 23.5 | 29.6 | 70 |
| N | 18.3 | 25.6 | 68 |
| D | 19 | 16 | 68 |

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

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

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

Note: Pl. provide the appropriate Unit against each enterprise

2.6 Details of Operational area / Villages (2016-17)

| Sl. No. | Taluk/ Eleka | Name of the block | Name of the village | Major crops & enterprises | Major problem identified | Identified thrust area |
|---------|-----------------------------|----------------------|------------------------|---|---|---|
| 1 | ADC, Hayuliang | Hayuliang | Tafraliang | Vegetables & oranges | Incidence of trunk borer, citrus declination Very low productivity of vegetables Diarrhea and skin diseases and hernia, eye infection, tick infestation of pigs | Integrated pest and Diseases Mgt. Health Management of pigs |
| 2 | Circle Officer, Goiliang | Goiliang | Nilang | L. Cardamom & vegetables | Incidence of viral diseases and red ants in L. Cardamom Low productivity of vegetables | Integrated pest and Diseases Mgt. Integrated Farming System |
| 3 | ADC, Hayuliang | Hayuliang | Kongra | Maize pulses & vegetables, ginger oranges | Incidence of trunk borer, citrus declination Low productivity of vegetables Diarrhea and skin diseases and hernia, eye infection, tick infestation of pigs | Integrated pest and Diseases Mgt. Integrated Farming System Health Management of pigs |
| 4 | ADC, Hayuliang | Hayuliang | Barfu | L. Cardamom | Incidence of blight diseases viral diseases in L. Cardamom Diarrhea and skin diseases | Integrated pest and Diseases Mgt. Health Management of pigs |
| 5 | ADC, Hayuliang | Hayuliang | Supliang | Oranges, pineapple | Incidence of trunk borer in oranges Skin diseases | 1.Integrated pest and Diseases Mgt. Health Management of pigs |

| 6 | ADC, Hayuliang | Hayuliang | Paya | L. Cardamom & vegetables | Incidence of viral diseases and red ants in L. Cardamom low productivity of vegetables | Integrated pest and Diseases Mgt. Integrated Farming System |
|----|------------------------------|-------------|-------------|----------------------------------|--|--|
| 7 | ADC, Hayuliang | Yatong | Manchal | L. Cardamom & Oranges | Diarrhea and skin diseases Incidence of trunk borer Citrus declination Incidence of viral diseases in L. Cardamom | Health Mgt. Integrated pest and Diseases Mgt. |
| 8 | DC, Hawai | Hawai | Ngi | Kiwi, Oranges and L. Cardamom | Incidence of trunk borer in oranges Viral diseases in L. Cardamom Skin diseases | Integrated pest and Diseases Mgt. Health Mgt. |
| 9 | Circle Officer, Chaglagam | Metengliang | Metengliang | Pulses and L. Cardamom | 1. Viral diseases in L. Cardamom | 1. Integrated pest and Diseases Mgt. |
| 10 | ADC, Hayuliang | Hayuliang | Chipru | Oranges and L. Cardamom | Incidence of trunk borer Citrus declination Incidence of viral diseases in L. Cardamom | 1. Integrated pest and Diseases Mgt. |

<u>3. TECHNICAL ACHIEVEMENTS</u>

3. A. Details of target and achievements of mandatory activities by KVK during 2016-17

| Discipline | OFT (| Technology Asse | ssment and | Refinement) | FLD (Oilseeds, Pulses, Maize, Other Crops/Enterprises) | | | | | |
|--------------------|----------------|-----------------|-------------------|-------------|---|-------------|-------------------|-------------|--|--|
| | Number of OFTs | | Number of Farmers | | Num | ber of FLDs | Number of Farmers | | | |
| | Targets | Achievement | Targets | Achievement | Targets | Achievement | Targets | Achievement | | |
| Agronomy | 02 | 02 | 10 | 10 | 06 | 06 | 12 | 12 | | |
| Animal Sciences | 03 | 03 | 15 | 15 | 02 | 02 | 60 | 63 | | |
| Horticulture | 02 | Ongoing | 05 | 05 | 01 | 01 | 20 | 35 | | |
| P. Protection | 02 | 02 | 02 | 02 | 01 | 01 | 20 | 25 | | |
| Social Sciences | 01 | 01 | 60 | 69 | 01 | Ongoing | 100 | - | | |

| | Total | 10 | 8 | 92 | 101 | 11 | 10 | 212 | 135 |
|--|-------|----|---|----|-----|----|----|-----|-----|
|--|-------|----|---|----|-----|----|----|-----|-----|

Note: Target set during last Annual Zonal Workshop

| Training (inc | luding spo under | nsored, vocatio Rainwater Ha | nal and oth rvesting Un | ier train it) | ings carried | Extension Activities | | | | |
|------------------------|---------------------|---------------------------------|----------------------------|--|--------------|----------------------|---------------------------|---------|-------------|--|
| Nun | nber of Co | urses | Number of Participants | | Numbe | r of activities | Number of participants | | | |
| Clientele | Targets | Achievement | Targets | Ach | ievement | Targets | Achievement | Targets | Achievement | |
| Farmers | 22 | 49 | 640 | | 1579 | | | | | |
| Rural youth | 15 | 25 | 490 | 1002 | | 482 | 553 | 840 | 861 | |
| Extn. Functionaries | 08 | 09 | 205 | | 233 | | | | | |
| Total | 45 | 83 | 1335 | | 2814 | 482 | 553 | 840 | 861 | |
| Seed Pro | oduction (t | on.) | | | Planting | , material (| (Nos. in lakh) | | | |
| | 5 | | | | | 6 | | | | |
| Target | Achie | evement | Target Achievement | | | | | | | |
| | | (| 0.03 (vegeta) | 0.03 (vegetables) 0.034 (Cabbage- 0.017, Broccoli – 0.017, King chilly- 0.0085 | | | | | | |

Note: Target set during last Annual Zonal Workshop

| 3. | B. Abstract | of interventions | undertaken | during 2016-17 |
|----|--------------------|------------------|------------|----------------|
|----|--------------------|------------------|------------|----------------|

| Sl. Thrust No. area | Crop/ Enterprise | Identified problems | | | | Interventions | | |
|--|---------------------|---|---------------------------|---------------------------|---|--|-------------------------|--|
| | | L | Title of OFT if any | Title of FLD if any | Title of Training if any | Title of training for extension personnel if any | Extension activities | Supply of seeds, planting materials etc. |
| 1 Popula rizatio n of cold water fishes and Integra ted Fish Farmin g | Fish | Less scope and lack of knowledg e regarding the cold water fish rearing | | | Cold Water Fish Culture: An Innovative Approach for Sustainabl e Developm ent in Hill Area of Anjaw District, Arunachal Pradesh | | | Distribution of Khurpi and hand hoe |

| 2 | PPVF | Local | Lack of | | Awarenes | | |
|---|------|----------|-------------|--|----------|--|--|
| | R | crop | knowledg | | s cum | | |
| | | germplas | e and | | training | | |
| | | m | unaware | | programm | | |
| | | | about the | | e on PPV | | |
| | | | collection | | & FR | | |
| | | | and | | | | |
| | | | conservati | | | | |
| | | | on of local | | | | |
| | | | germplas | | | | |
| | | | m | | | | |
| | | | | | | | |

3.1 Achievements on technologies assessed and refined during 2016-17

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

| Thematic areas | Cereals | Oilseeds | Pulses | Commercial Crops | Vegetables | Fruits | Flower | Plantation crops | Tuber Crops | TOTAL |
|--------------------------------------|---------|----------|--------|---------------------|------------|--------|--------|---------------------|----------------|-------|
| Varietal Evaluation | 01 | | 01 | | | 02 | | | | 04 |
| Seed / Plant production | | | | | | | | | | |
| Weed Management | | | | | | | | | | |
| Integrated Crop Management | | | | | | | | | | |
| Integrated Nutrient Management | | | | | | | | | | |
| Integrated Farming System | | | | | | | | | | |
| Mushroom cultivation | | | | | | | | | | |
| Drudgery reduction | | | | | | | | | | |
| Farm machineries | | | | | | | | | | |
| Value addition | | | | | | | | | | |
| Integrated Pest Management | | | | | | 01 | | | | 01 |
| Integrated Disease Management | | | | | | | | | | |
| Resource conservation | | | | | | | | | | |

| technology | | | | | | | | | | |
|--|----|--|----|--|--|----|--|--|----|----|
| Small Scale income generating enterprises | | | | | | | | | 01 | 01 |
| TOTAL | 01 | | 01 | | | 03 | | | 01 | 06 |
| * Any new technology which may offer solution to a location specific problem but not tested earlier in a | | | | | | | | | | |

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

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

| Thematic areas | Cerea ls | Oilseeds | Pulses | Commercial Crops | Vegetables | Fruit s | Flowe r | Plantation crops | Tuber Crops | TOTA L |
|--|-------------|----------|--------|---------------------|------------|------------|------------|---------------------|----------------|-----------|
| Varietal Evaluation | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Seed / Plant production | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Weed Management | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Integrated Crop Management | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Integrated Nutrient Management | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Integrated Farming System | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Mushroom cultivation | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Drudgery reduction | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Farm machineries | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Post Harvest Technology | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Integrated Pest Management | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Integrated Disease Management | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Resource conservation technology | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |
| Small Scale income generating enterprises | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil | Nil |

| TOTAL | Nil |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | | | | | | | |

* Technology that is refined in collaboration with ICAR/SAU Scientists for improving its effectiveness.

Thematic areas Cattle Poultry Rabbitary TOTAL Sheep Goat Piggery Fisheries 01 02 Evaluation of Breeds 03 Nutrition Management Disease of Management 01 01 02 Value Addition Production and Management Feed and Fodder Small Scale income generating enterprises TOTAL 01 01 03 05

A.3. Abstract of the number of technologies assessed in respect of livestock / enterprises

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

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

A.5. Results of On Farm Testing

| Sl. No. | Title of OFT | Problem Diagnosed | Name of Technology Assessed | Crop/Cropping system/ Enterprise | No. of Trials | Results of Assessment/ Refined (Data on the | Feedback from the farmer | Feedback to the Researcher | B.C. Ratio (if applicable) |
|---------|--|--|--|--|------------------|---|--|--|-------------------------------|
| | | | | | | parameter should be provided) | | | |
| 1 | Introduction of RCM-76 for higher production | Low production due to use of local variety | Plant ht-205 cm Grains weight /cob -145.3g No. of Grains/cobs -351 Yield -30.75 q/ha | Maize | 05 | Yield- 0.030.75 q/ha | Satisfied with the variety and more expansion of | Coverage of more nos. of farmers | 2.29:1 |
| 2 | Introduction of Vivek Matar-10 for higher production | Low production due to use of local variety | Plant ht- 60.6 cm Pod Length:7.2 cm No. of pods/ plant:7 | Field Pea | 05 | Yield- 0.040 Kg | Satisfied with the variety and more expansion of | Coverage of more nos. of farmers | 2.4:1 |
| 3 | Breed introduction of Yorkshire, pig. | 1. Low body weight gain (40 – 50 kg) 2.High feed conversion ration (5:1) 3. Low letter size (5-6) | Mortality (5-10 %) litter size (6-8) birth weight (450- 700gm) weight at sexual maturity (80-90Kg) | Piggery | 03 | Net return Rs. 20,000 | Not suitable for rearing of the breed in the location | - | 1.8:1 |
| 4 | Breed introduction of Gunguroo pig. | Low body weight gain (35 – 40 kg) 2.High feed conversion | Adaptability Mortality (5-10 %) litter size (8-10) birth weight (350- 600gm) weight at sexual maturity (60-80Kg) | Piggery | 02 | Ongoing | - | - | - |

| | | ratio (5:1) 3. Low letter size (5-6) | | | | | | | |
|---|--|--|---|--|----|--------------|--|---|-------|
| 5 | Breed introduction of Vanaraja birds | 1. Low body weight (1– 1.5 kg) 2.Low egg production (50-60 No./year) | Adaptability Mortality (5-1 %) Egg weight (4 58 gm.) weight at sexu maturity (2- 2.5Kg) Egg production (110-130 No./year) | Poultry 5- al | 09 | Rs. 490/bird | Suitable with the variety of chick and expressed for conversion into commercial farming | - | 1.6:1 |
| 5 | Salt and Mineral licking Block for Mithun & Cattle | 1.Salt hunger 2. No proper plate form Feeding structure 3. Difficult to track the Mithun and cattle | Acceptability farmers Numbers Mithun and ca turn over to lid Aid in drudg reduction tracking Mit and cattle Easy asses monitoring mithun and ca health Ecotourism purpose | of Mithun of ttle k. ery in nun for ttle | 01 | Ongoing | Satisfied over the technology for drudgery reduction among the owner of Mithun | - | - |

| 6 | Assessment on suitability of low chilling Grafted Apple cv. Mollies Delicious. | Low yield and lack of suitable low chilling and high yielding apple variety | No. of Flowers/tree No. of fruits/tree Average Yield B:C ratio | Apple | 03 | Ongoing | - | - | - |
|---|---|---|--|-----------------------|----|--|--|---|------|
| 7 | Assessment on suitability of Kiwi fruit var. Allison | Unawarene ss of kiwi cultivation | 5. No. of Flowers/tree 6. No. of fruits/tree 7. Average Yield 8. B:C ratio | Kiwi | 02 | Ongoing | - | - | - |
| 8 | Control of Citrus trunk borer | Severe infestation of Citrus Trunk Borer | Total Plants treated Total Plants recovered. Percentage of recovery. | Citrus | 02 | 86.67% recovery in recommended practice. | Satisfied over the method of controlling the pest | _ | _ |
| 9 | Impact Assessment of SHG and FC | Very low market price | Crop- Ginger Q. produced Area -1 acre Selling price Gross income Total Cost | Vegetables and ginger | 03 | Av. Yield- 550 kg | More intervention from the KVK such as provision of seeds and other inputs | | 2.67 |

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

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

3.2 Achievements of Frontline Demonstrations during 2016-17

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

| SI. | Crop/ | Technology demonstrated | Horiz | ontal spread of techno | logy |
|-----|--------------------------------------|---|-----------------|------------------------|------------|
| No | Enterprise | | No. of villages | No. of farmers | Area in ha |
| 1 | Soybean | 01/ yield enhancement (JS-335) | 01 | 05 | 2.5 |
| 2 | Green gram | 01/yield enhancement (Pratap) | 01 | 05 | 2.5 |
| 3 | Piggery & Goatery | 01/Deworming & mineral supplement | 06 | 28 | |
| 4 | Poultry | 01/Vaccination | 04 | 35 | |
| 5 | Cabbage, Cauliflower, broccoli | Nutritional garden for Residential schools. | 01 | 50 | 0.25 |
| 6 | Oyster Mushroom | 01/Alternative source of income generation | 05 | 25 | 5 units |
| 7 | L. Cardamom | Establishment of marketing linkages | 20 | 100 | 25 |

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

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

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

| S1. | Crop | Thematic | Technology | Season and | on and Area (ha) No. of farr ear | | | | rs/ | Reasons for | Farming situation | St | atus | of |
|-----|------|----------|--------------|------------|-------------------------------------|--------|-------|------------|-------|--------------|-------------------|----|------|----|
| No. | | area | Demonstrated | year | | | de | monstratio | n | shortfall in | (Rainfed/ | | soil | |
| | | | | | | | | | | achievement | Irrigated, Soil | (H | Kg/h | a) |
| | | | | | | | | | | | type, altitude, | | | |
| | | | | | | | | | | | etc.) | Ν | Р | K |
| | | | | | Proposed | Actual | SC/ST | Others | Total | | | | | |
| | | | | | | | | | | | | | | |
| 1. | So | Varietal | JS-335 | Rabi | 0.25 | 0.25 | 05 | | 05 | | Rainfed | - | - | - |

| | yb ean | evaluatio n | | season, 2016 | | | | | | | |
|----|------------------------|---|---|-------------------------|------|------|-----|---------|---------|--|--|
| 2. | Gr een Gr am | Variet al evalu ation | Var- Pratap | Rabi season, 2016 | 0.25 | 0.25 | 05 | 05 | Rainfed | | |
| 3. | Ve get abl es | Nutrit ional garde n for Resid ential schoo ls | Cabbage (Golden acre) Broccoli (Italian green) | Rabi season, 2016 | 0.5 | 0.5 | 130 | 13 0 | Rainfed | | |

c. Performance of FLD on Crops

| Sl. | Crop | Thematic | Area | Avg. | yield | % | Additio | nal data | Data on | | Econ. of demo. (Rs./ha.) | | | | Econ. of check (Rs./Ha.) | | | |
|------|-------------|----------------------------|--------|-------|-------|-----------------------|---------|----------|-----------------------------|---|--------------------------|-------|-------|------------|--------------------------|----|----|-----|
| 110. | | area | (114.) | Demo. | Check | e in Avg. yield | H* | L* | than yie dise inciden | than yield, e.g., disease incidence, pest | | GR** | NR** | BC R** | GC | GR | NR | BCR |
| | | | | | | | | | Demo | Local | | | | | | | | |
| 1 | Soybe an | Varietal evaluatio n | 2.5 | 18.70 | 11.25 | 44.35 | 18.70 | 14.50 | Plant ht- 61.6cm | Plant ht-57.8 cm | 31900 | 81200 | 49300 | 2.54: 1 | | | | |
| | | | | | | | | | No. of branch | No. of Branch | | | | | | | | |

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

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

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

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

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

d. Extension and Training activities under FLD on Crops

| SL No. | Activity | No. of activities organized | Date | Numb | ipants | Remarks | |
|--------|--------------------------------------|-----------------------------|------|------|--------|---------|-----|
| | | 100 of activities of gammed | Dutt | Gen | SC/ST | Total | |
| 1 | Field days | NIL | NIL | NIL | NIL | NIL | NIL |
| 2 | Farmers Training | NIL | NIL | NIL | NIL | NIL | NIL |
| 3 | Media coverage | NIL | NIL | NIL | NIL | NIL | NIL |
| 4 | Training for extension functionaries | NIL | NIL | NIL | NIL | NIL | NIL |
| 5 | Any other (Pl. specify) | NIL | NIL | NIL | NIL | NIL | NIL |
| | Total | NIL | NIL | NIL | NIL | NIL | NIL |

e. Details of FLD on Enterprises

(i) Farm Implements

| Name of the implement | Сгор | No. of farmers | Area (ha) | Performance parameters / | * Data on paramete technology den | r in relation to nonstrated | % change in the parameter | Remarks |
|-----------------------|-------|----------------|-----------|-----------------------------|--------------------------------------|-----------------------------------|--|---------|
| | | | | indicators | Demon. | Local check | | |
| Maize Sheller | Maize | 50 | 2.5 | Drudgery reduction | Shelling capacity 15-20 kg/hr | Shelling capacity 5 -7kg/hr | About 35-40% of the labour are reduced | |

* Field efficiency, labour saving etc.

(ii) Livestock Enterprises

| Sl. No. | Enterpri se/ Categor y (e.g., | Them atic area | Name of Techn ology | No. of farme rs | No. of unit s | No. of animals, poultry birds | Ma Perfori paramo indica | jor mance eters / ators | % chang e in the | Ot paramo an | her eters (if 1y) | E | con. o (Rs./ | f dem /Ha.) | 10. | E | con. of (Rs./H | check [a.) | | Remarks |
|---------|--|---|------------------------------|-----------------------|------------------------|--|---|----------------------------------|---------------------------|--------------------|-------------------------|--------|-----------------|----------------|---------|----|-------------------|---------------|--------|--|
| | Dairy, Poultry | | | | | etc. | | 1 | para meter | Demo | Check | G C | G R | N R | B C | GC | GR | N R | B C | |
| | etc.) | | | | | | Demo | Chec k | | | | ** | ** | ** | K ** | | | | к | |
| 1 | Pigs and Goats | Reduct ion of parasit e | Parasiti c count | 28 | - | 103 | Feacal egg count Stunted growth. Granting of teeth. Pot belly appearance of stomach. | | 82% | | | | | | | | | | | Twice a year dewormin g is very important in piggery & Goattery production |
| 2 | Poultry | Morbid ity & Mortali ty due to viral disease | Vaccin ation | 35 | - | 350 | Infested with parasite egg | | 82% | | | | | | | | | | | Twice a year dewormin g is very important in piggery & Goattery production |

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

Produce Sale Price must be as per MSP or Registered Marketing Society Pl. apply the formula: Net Return= Gross Return-Gross Cost, BCR= GR/GC

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

(iii) Fisheries

| Sl. No. | Catego ry, e.g. Comm | The matic | Nam e of Tech | No. of | No. of | No. of fish/ | Major Perfori paramo | nance eters / | % chan ge in the | Other parame (if any) | eters) | Eco (Rs | on. of ./Ha.) | demo) | D. | Econ. (Rs./I | of che Ha.) | ck | | Remar ks |
|------------|----------------------------|--------------|---------------------|-------------|-----------|-----------------|----------------------------|------------------|---------------------------|-----------------------------|------------|------------|------------------|-----------|--------|-----------------|----------------|--------|--------|-------------|
| | on carp, | area | nolog | farm ers | unit s | fingerlin gs | indicat | ors | para mete | Demo | Check | G C* | G R | N R | B C | GC | GR | N R | B C | |
| | ornam ental | | J | | - | | Demo | Check | r | | | * | ** | ** | R | | | | R | |

| | fish etc. | | | | | | | | | | | | | | ** | | | | | |
|---|--------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|---------|---------|---------|-----|-----|---------|---------|-----|
| 1 | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | N IL | N IL | N IL | N IL | NIL | NIL | N IL | NI L | NIL |
| 2 | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | N IL | N IL | N IL | N IL | NIL | NIL | N IL | NI L | NIL |

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

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

(iv) Other enterprises

| Sl. No. | Categor y/ Enterpri se, e.g., mushro | Them atic area | Name of Techn ology | No. of farme rs | No. of units | Ma Perfor param indic | jor mance eters / ators | % chang e in the | Ot parame ar | her eters (if 1y) | E | con. (Rs. | of der ./Ha.) | no. | E | con. of (Rs./l | f chec Ha.) | k | Remar ks |
|------------|--|------------------------------|------------------------------|-----------------------|--------------------|--------------------------------|----------------------------------|---------------------------|--------------------|-------------------------|--------------|---------------|------------------|---------------|----|-------------------|----------------|-------------|-------------|
| | om, vermico mpost, apicultu re etc. | | | | | Demo | Check | meter | Demo | Chec k | G C ** | G R ** | N R ** | BC R* * | GC | GR | N R | B C R | |
| 1 | Mushroo m | Incom e generat ion | Oyster mushr oom | 25 | 5 | 1.55 | 1.25 | 24 | | | 65 00 | 23 25 0 | 16 75 0 | 2.57 1.45 | | | | | |
| | | | | | | | | | | | | | | | | | | | |

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

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

(v) Farm Implements and Machinery

| Sl. No. | Name of implement | Сгор | Name of Technology demonstrate d | No. of farmers | Area (In ha.) | Field obser (Output/ m Demo | vation an-hours) Check | % change in the paramete r | Labour reduction (Man days) | Cost reduction (Rs. per ha. or Rs. per unit etc.) | Remarks |
|---------|----------------------|-------|---|-------------------|------------------|--|-----------------------------------|--|--------------------------------------|---|---------|
| 1 | Maize Sheller | Maize | Drudgery reduction | 50 | | Shelling capacity 15-20 kg/hr | Shelling capacity 5 -7kg/hr | Approx. 35-40% of the labour are reduced | | | |

f. Performance of FLD on Crop Hybrids

| SI. | | Name of hybrids | Area (ha.) | No. of farmers | Avg. yie (Q/ha.) | eld | % increase in Avg. yield | Addit data o demo. (Q/ha | ional on yield .) | Econ. of | f demo. (R | ks./Ha.) | | Econ. o | of check (l | Rs./Ha.) | |
|-----|------|--------------------|---------------|-------------------|---------------------|-------|-----------------------------------|-----------------------------------|----------------------------|----------|------------|----------|-----------|---------|-------------|----------|-----|
| No. | Сгор | | | | Demo. | Check | | H* | L* | GC** | GR** | NR** | BCR ** | GC | GR | NR | BCR |
| 1 | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL |
| 2 | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL |
| 3 | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL | NIL |

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

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

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

3.3. Achievements on Training

| | No. of | Courses/ | prog | Participants Concerct SC/ST Total | | | | | | | | | | | | | | | | | | |
|--|-------------------|----------|-------|-----------------------------------|------------------|-----------|------------------|-----------------------|--------------------------|-----------|------------------|----------------|-------------------|------------------------|-------------------------------|-----------------|------------------------|------------------|-------------------------|-----------------------|------------------------------|------------------|
| | | | | | | Ge | neral | | | | | S | C/ST | | | | | Tot | al | | | |
| | On- | Spo n | Total | Μ | lale | Fei | male | To | otal | М | lale | Fei | nale | To | tal | M | ale | Fen | nale | Т | otal | Grand |
| i nematic area | campu s (1) | (2) | (1+2) | On (4) | Sp. On (5) | On (6) | Sp. On (7) | On (a= 4+6) | Sp. On (b= 5+7) | On (8) | Sp. On (9) | On (10) | Sp. On (11) | On (c= 8+10) | Sp. On (d= 9+11) | On (4+8) | Sp. On (5+9) | On (6+10) | Sp. On (7+11) | On (x= a +c) | Sp. On (y= b +d) | Total (x + y) |
| I. Crop Produc | ction | | | | | | | • | | | | | | | | | | | | | | |
| Weed Management | | | | | | | | | | | | | | | | | | | | | | |
| Resource Conservation Technologies | | | | | | | | | | | | | | | | | | | | | | |
| Cropping Systems | | | | | | | | | | | | | | | | | | | | | | |
| Crop Diversificatio n | | | | | | | | | | | | | | | | | | | | | | |
| Integrated Farming | | | | | | | | | | | | | | | | | | | | | | |
| Water management | | | | | | | | | | | | | | | | | | | | | | |
| Seed production | | | | | | | | | | | | | | | | | | | | | | |
| Nursery | | | | | | | | | | | | | | | | | | | | | | |

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

| management | | | | | | | | | | | | |
|--|------|--|--|--|--|--|--|--|--|--|--|--|
| Integrated Crop Management | | | | | | | | | | | | |
| Fodder production | | | | | | | | | | | | |
| Production of organic inputs | | | | | | | | | | | | |
| II. Horticultur | e | | | | | | | | | | | |
| a) Vegetable C | rops | | | | | | | | | | | |
| Production of low volume and high value crops | | | | | | | | | | | | |
| Off-season vegetables | | | | | | | | | | | | |
| Nursery raising | | | | | | | | | | | | |
| Exotic vegetables like Broccoli | | | | | | | | | | | | |
| Export potential vegetables | | | | | | | | | | | | |
| Grading and standardizatio n | | | | | | | | | | | | |
| Protective cultivation | | | | | | | | | | | | |

| (Green Houses, Shade Net etc.) | | | | | | | | | | | | |
|---|--------|--|--|--|---|--|--|--|--|--|--|--|
| b) Fruits | | | | | 1 | | | | | | | |
| Training and Pruning | | | | | | | | | | | | |
| Layout and Management of Orchards | | | | | | | | | | | | |
| Cultivation of Fruit | | | | | | | | | | | | |
| Management of young plants/orchard s | | | | | | | | | | | | |
| Rejuvenation of old orchards | | | | | | | | | | | | |
| Export potential fruits | | | | | | | | | | | | |
| Micro irrigation systems of orchards | | | | | | | | | | | | |
| Plant propagation techniques | | | | | | | | | | | | |
| c) Ornamental | Plants | | | | | | | | | | | |

| Nursery Management I | | | | | | | | | | | | | | | | | | | | |
|--|---|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Management of ported plants I | Nursery Management | | | | | | | | | | | | | | | | | | | |
| Export potential of ornamental plants I | Management of potted plants | | | | | | | | | | | | | | | | | | | |
| Propagation to the function of the function of the function and management technology I | Export potential of ornamental plants | | | | | | | | | | | | | | | | | | | |
| 0. Plantation crops Production and Management technology I <td>Propagation techniques of Ornamental Plants</td> <td colspan="15">Propagation techniques of Ornamental Plants d) Plantation crops</td> <td></td> | Propagation techniques of Ornamental Plants | Propagation techniques of Ornamental Plants d) Plantation crops | | | | | | | | | | | | | | | | | | |
| Production and Management technology I | d) Plantation of | crops | | | | | | | | | | | | | | | | | | |
| Processing and value addition and value addition e) Tuber crops Production and Management technology Processing and value addition and Management technology Processing and value addition and value addition and Series () Spices | Ornamental Plants a) Plantation crops Production and Management technology and Image: Comparison of the | | | | | | | | | | | | | | | | | | | |
| e) Tuber crops Production and Management technology I | Processing and value addition | | | | | | | | | | | | | | | | | | | |
| Production and Management technology Image: Solution Image: Solution <t< td=""><td>e) Tuber crops</td><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<> | e) Tuber crops | 5 | | | | | | | | | | | | | | | | | | |
| Processing and value addition f) Spices | Production and Management technology | | | | | | | | | | | | | | | | | | | |
| f) Spices | Processing and value addition | | | | | | | | | | | | | | | | | | | |
| | f) Spices | | | | | | | | | | | | | | | | | | | |

| Production | | | | | | | | | | | | | |
|-----------------|---------|---------------------------------------|----------|------|--|------|--|--|--|--|--|--|--|
| Management | | | | | | | | | | | | | |
| technology | | | | | | | | | | | | | |
| Drocossing | | | | | | | | | | | | | |
| and value | | | | | | | | | | | | | |
| addition | | | | | | | | | | | | | |
| g) Medicinal a | nd Arom | atic Pl | ants | | | | | | | | | | |
| g) Wieuleinai a | nu Arom | anci | ants | | | | | | | | | | |
| Nursery | | | | | | | | | | | | | |
| management | | | | | | | | | | | | | |
| Production | | | | | | | | | | | | | |
| and | | | | | | | | | | | | | |
| technology | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Post harvest | | | | | | | | | | | | | |
| and value | | | | | | | | | | | | | |
| addition | | | | | | | | | | | | | |
| | | · · · · · · · · · · · · · · · · · · · | . | | | | | | | | | | |
| III Soli Health | and Fer | | Tanagel | ment | | | | | | | | | |
| Soil fertility | | | | | | | | | | | | | |
| management | | | | | | | | | | | | | |
| Soil and | | | | | | | | | | | | | |
| Water | | | | | | | | | | | | | |
| Conservation | | | | | | | | | | | | | |
| Integrated | | | | | | | | | | | | | |
| Nutrient | | | | | | | | | | | | | |
| Management | | | | | | | | | | | | | |
| Production | | | | 1 | | | | | | | | | |
| and use of | | | | | | | | | | | | | |
| organic inputs | | | | | | | | | | | | | |
| | 1 | | | | | | | | | | | | |

| Management of Problematic | | | | | | | | | | | | | | |
|---|----------|-------|-------|------|---|--|--|--|--|--|--|--|--|--|
| soils | | | | | | | | | | | | | | |
| Micro nutrient deficiency in crops | | | | | | | | | | | | | | |
| Nutrient Use Efficiency | | | | | | | | | | | | | | |
| Soil and Water Testing | | | | | | | | | | | | | | |
| IV Livestock P | roductio | n and | Manag | emen | t | | | | | | | | | |
| Dairy Management | | | | | | | | | | | | | | |
| Poultry Management | | | | | | | | | | | | | | |
| Piggery Management | | | | | | | | | | | | | | |
| Rabbit Management | | | | | | | | | | | | | | |
| Disease Management | | | | | | | | | | | | | | |
| Feed management | | | | | | | | | | | | | | |
| Production of quality animal products | | | | | | | | | | | | | | |

| V Home Scien | ce/Wome | en emp | owerm | ent | | | | | | | | | |
|---|---------|--------|-------|-----|--|--|--|--|--|--|--|--|--|
| Household food security by kitchen gardening and nutrition gardening | | | | | | | | | | | | | |
| Design and development of low/minimum cost diet | | | | | | | | | | | | | |
| Designing and development for high nutrient efficiency diet | | | | | | | | | | | | | |
| Minimization of nutrient loss in processing | | | | | | | | | | | | | |
| Gender mainstreamin g through SHGs | | | | | | | | | | | | | |
| Storage loss minimization techniques | | | | | | | | | | | | | |
| Value addition | | | | | | | | | | | | | |
| Income generation | | | | | | | | | | | | | |

| activities for empowerment of rural Women | | | | | | | | | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Location specific drudgery reduction technologies | | | | | | | | | | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | | | | | | | | | | |
| Women and child care | | | | | | | | | | | | | | | | | | | |
| VI Agril. Engineering | | | | | | | | | | | | | | | | | | | |
| Installation and maintenance of micro irrigation systems | | | | | | | | | | | | | | | | | | | |
| Use of Plastics in farming practices | | | | | | | | | | | | | | | | | | | |
| Production of small tools and implements | | | | | | | | | | | | | | | | | | | |
| Repair and maintenance of farm machinery and | | | | | | | | | | | | | | | | | | | |

| implements | | | | | | | | | | | | | | | | | | | |
|--|----------------------|---|---|--|--|--|--|--|--|--|----|--|---|--|----|----|---|----|----|
| Small scale processing and value addition | | | | | | | | | | | | | | | | | | | |
| Post Harvest Technology | | | | | | | | | | | | | | | | | | | |
| VII Plant Prot | VII Plant Protection | | | | | | | | | | | | | | | | | | |
| Integrated Pest Management | | | | | | | | | | | | | | | | | | | |
| Integrated Disease Management | | | | | | | | | | | | | | | | | | | |
| Bio-control of pests and diseases | | | | | | | | | | | | | | | | | | | |
| Production of bio control agents and bio pesticides | | | | | | | | | | | | | | | | | | | |
| VIII Fisheries | | | | | | | | | | | | | | | | | | | |
| Integrated fish farming | | 1 | 1 | | | | | | | | 27 | | 6 | | 33 | 27 | 6 | 33 | 33 |
| Carp breeding and hatchery management | | | | | | | | | | | | | | | | | | | |
| Carp fry and fingerling | | | | | | | | | | | | | | | | | | | |

| rearing | | | | | | | | | | | | | |
|---|----------|----------|---|--|--|--|----|---|----|----|---|----|----|
| Composite fish culture | | 1 | 1 | | | | 23 | 7 | 30 | 23 | 7 | 30 | 30 |
| Hatchery management and culture of freshwater prawn | | | | | | | | | | | | | |
| Breeding and culture of ornamental fishes | | | | | | | | | | | | | |
| Portable plastic carp hatchery | | | | | | | | | | | | | |
| Pen culture of fish and prawn | | | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | | | |
| Edible oyster farming | | | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | | | |
| Fish processing and value addition | | | | | | | | | | | | | |
| IX Production | of Input | s at sit | e | | | | | | | | | | |
| Seed | | | | | | | | | | | | | |

| Production | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|
| Planting material production | | | | | | | | | | | |
| Bio-agents production | | | | | | | | | | | |
| Bio-pesticides production | | | | | | | | | | | |
| Bio-fertilizer production | | | | | | | | | | | |
| Vermi- compost production | | | | | | | | | | | |
| Organic manures production | | | | | | | | | | | |
| Production of fry and fingerlings | | | | | | | | | | | |
| Production of Bee-colonies and wax sheets | | | | | | | | | | | |
| Small tools and implements | | | | | | | | | | | |
| Production of livestock feed and fodder | | | | | | | | | | | |

| Production of Fish feed | | | | | | | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| X Capacity Bu | X Capacity Building and Group Dynamics | | | | | | | | | | | | | | | | | | |
| Leadership development | | | | | | | | | | | | | | | | | | | |
| Group dynamics | | | | | | | | | | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | | | | | | | | | | |
| Mobilization of social capital | | | | | | | | | | | | | | | | | | | |
| Entrepreneuri al development of farmers/youth s | | | | | | | | | | | | | | | | | | | |
| WTO and IPR issues | | | | | | | | | | | | | | | | | | | |
| XI Agro-fores | try | | | | | | | | | | | | | | | | | | |
| Production technologies | | | | | | | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | | | | | | | |
| Integrated Farming | | | | | | | | | | | | | | | | | | | |
| Systems | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------------|-----------------|---------------------|----------------------|------------------------|---------------------|-----------------------|--------------------|--------------------------|--------------|----------------------|-----------------------|-------------------|-------------------------|--------------|---------|------------|----------------|------------|-------|------------|-----------|
| TOTAL | | | | | | | | | | | | | | | | | | | | | | |
| 3.3.2. Achiev (* | ements o Sp. Off | on Tra means | aining (s Off C | of <u>Fa</u> Camp | <u>rmers</u> us tra | <u>and</u> ining | <u>Farm</u> ; prog | <u>Won</u> ramm | <u>nen</u> in 1es spo | 0ff onsor | <u>Camp</u> ed by | <u>us</u> in exter | cludin rnal aș | ng <u>Spo</u> gencie | nsorec s) | l Off (| Camp | <u>us</u> Trai | ining P | rogra | amme | s |
| | No. of | Courses | / prg. | | | | | | | | | Ра | articipaı | nts | | | | | | | | Gran d |
| | | | | | | Ge | neral | | | | | S | C/ST | | | | | То | tal | | | Total |
| Thematic area | Off | Sp Off* | Total | M | lale | Fe | male | Т | otal | N | lale | Fe | male | Te | otal | М | ale | Fei | male | T | otal | - |
| | | | | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | Off | Sp Off* | |
| I. Crop Produ | ction | | | | | | | | | | | | | | | | | I | | | | |
| Weed Management | | | | | | | | | | | | | | | | | | | | | | |
| Resource Conservation Technologies | 2 | 2 | 4 | | | | | | | 51 | 39 | 30 | 17 | 81 | 56 | 51 | 39 | 30 | 17 | 81 | 56 | 137 |
| Cropping Systems | 1 | | 1 | | | | | | | 16 | | 9 | | 25 | | 16 | | 9 | | 25 | | 25 |
| Crop Diversificatio n | | | | | | | | | | | | | | | | | | | | | | |
| Integrated Farming | 1 | | 1 | | | | | | | 17 | | 8 | | 25 | | 17 | | 8 | | 25 | | 25 |
| Water management | | | | | | | | | | | | | | | | | | | | | | |

| Seed production | | | | | | | | | | | | | | | | | |
|--|-------|---|---|---|--|---|----|---|----|----|----|---|----|---|----|---|----|
| Nursery management | 1 | | 1 | | | | 21 | | 8 | 19 | 21 | | 8 | | 19 | | 27 |
| Integrated Crop Management | | | | | | | | | | | | | | | | | |
| Fodder production | | | | | | | | | | | | | | | | | |
| Production of organic inputs | | | | | | | | | | | | | | | | | |
| II. Horticultur | ·e | • | • | 1 | | • | | • | 1 | | • | • | • | • | | • | 1 |
| a) Vegetable C | crops | | | | | | | | | | | | | | | | |
| Production of low volume and high value crops | 2 | | 2 | | | | 51 | | 24 | 75 | 51 | | 24 | | 75 | | 99 |
| Off-season vegetables | | | | | | | | | | | | | | | | | |
| Nursery raising | 2 | | 2 | | | | 43 | | 22 | 65 | 43 | | 22 | | 65 | | 65 |
| Exotic vegetables like Broccoli | | | | | | | | | | | | | | | | | |
| Export potential vegetables | | | | | | | | | | | | | | | | | |

| Grading and standardizatio n | | | | | | | | | | | | |
|--|---|---|--|--|--|----|----|----|----|----|----|----|
| Protective cultivation (Green Houses, Shade Net etc.) | | | | | | | | | | | | |
| b) Fruits | | | | | | | | | | | | |
| Training and Pruning | | | | | | | | | | | | |
| Layout and Management of Orchards | | | | | | | | | | | | |
| Cultivation of Fruit | 1 | 1 | | | | 18 | 10 | 18 | 10 | 18 | 10 | 28 |
| Management of young plants/orchard s | | | | | | | | | | | | |
| Rejuvenation of old orchards | | | | | | | | | | | | |
| Export potential fruits | | | | | | | | | | | | |
| Micro irrigation systems of orchards | | | | | | | | | | | | |

| Plant propagation techniques | | | | | | | | | | | | | | |
|--|--------|---|---|---|---|---|---|----|----|----|----|----|----|----|
| c) Ornamental | Plants | 1 | I | I | I | I | L | | | | | | | |
| Nursery Management | 1 | 1 | | | | | | 22 | 09 | 31 | 22 | 09 | 31 | 31 |
| Management of potted plants | | | | | | | | | | | | | | |
| Export potential of ornamental plants | | | | | | | | | | | | | | |
| Propagation techniques of Ornamental Plants | | | | | | | | | | | | | | |
| d) Plantation c | crops | | | | | | | | | | | | | |
| Production and Management technology | 2 | 2 | | | | | | 38 | 27 | 65 | 38 | 27 | 65 | 65 |
| Processing and value addition | | | | | | | | | | | | | | |
| e) Tuber crops | 5 | | | | | | | | | | | | | |
| Production and Management | | | | | | | | | | | | | | |

| technology | | | | | | | | | | | | | | | | |
|---|----------|----------|--------|------|---|---|---|---|---|--|---|---|--|---|---|--|
| Processing and value addition | | | | | | | | | | | | | | | | |
| f) Spices | • | | | | | | | | | | L | L | | L | | |
| Production and Management technology | | | | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | | | | |
| g) Medicinal a | nd Arom | atic Pl | ants | • | • | • | • | • | • | | | | | | • | |
| Nursery management | | | | | | | | | | | | | | | | |
| Production and management technology | | | | | | | | | | | | | | | | |
| Post harvest technology and value addition | | | | | | | | | | | | | | | | |
| III Soil Health | and Fert | tility N | lanage | ment | | | | | | | | | | | | |
| Soil fertility management | | | | | | | | | | | | | | | | |
| Soil and Water | | | | | | | | | | | | | | | | |

| Conservation | | | | | | | | | | | | | | |
|---|----------|-------|-------|------|---|--|--|-----|-----|-----|-----|-----|-----|-----|
| Integrated Nutrient Management | | | | | | | | | | | | | | |
| Production and use of organic inputs | | | | | | | | | | | | | | |
| Management of Problematic soils | | | | | | | | | | | | | | |
| Micro nutrient deficiency in crops | | | | | | | | | | | | | | |
| Nutrient Use Efficiency | | | | | | | | | | | | | | |
| Soil and Water Testing | | | | | | | | | | | | | | |
| IV Livestock P | roductio | n and | Manag | emen | t | | | | | | | | | |
| Dairy Management | 07 | | 07 | | | | | 103 | 129 | 232 | 103 | 129 | 232 | 232 |
| Poultry Management | 07 | | 07 | | | | | 97 | 97 | 211 | 97 | 97 | 211 | 211 |
| Piggery Management | | | | | | | | | | | | | | |
| Rabbit Management | | | | | | | | | | | | | | |

| Disease Management | | | | | | | | | | | | | |
|---|---------|--------|-------|-----|--|--|--|--|--|--|--|--|--|
| Feed management | | | | | | | | | | | | | |
| Production of quality animal products | | | | | | | | | | | | | |
| V Home Scien | ce/Wome | en emp | owerm | ent | | | | | | | | | |
| Household food security by kitchen gardening and nutrition gardening | | | | | | | | | | | | | |
| Design and development of low/minimum cost diet | | | | | | | | | | | | | |
| Designing and development for high nutrient efficiency diet | | | | | | | | | | | | | |
| Minimization of nutrient loss in processing | | | | | | | | | | | | | |
| Gender mainstreamin g through | | | | | | | | | | | | | |

| SHGs | | | | | | | | | | | | |
|--|---------|--|--|--|--|--|--|--|--|--|--|--|
| Storage loss minimization techniques | | | | | | | | | | | | |
| Value addition | | | | | | | | | | | | |
| Income generation activities for empowerment of rural Women | | | | | | | | | | | | |
| Location specific drudgery reduction technologies | | | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | | | |
| Women and child care | | | | | | | | | | | | |
| VI Agril. Engi | neering | | | | | | | | | | | |
| Installation and maintenance of micro irrigation systems | | | | | | | | | | | | |
| Use of Plastics in farming | | | | | | | | | | | | |

| practices | | | | | | | | | | | | | | | | | | | |
|--|--------|---|---|--|--|--|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| Production of small tools and implements | | | | | | | | | | | | | | | | | | | |
| Repair and maintenance of farm machinery and implements | | | | | | | | | | | | | | | | | | | |
| Small scale processing and value addition | | | | | | | | | | | | | | | | | | | |
| Post-Harvest Technology | | | | | | | | | | | | | | | | | | | |
| VII Plant Prot | ection | | | | | | | | | | | | | | | | | | |
| Integrated Pest Management | 2 | 2 | 4 | | | | 31 | 52 | 36 | 42 | 67 | 94 | 31 | 52 | 36 | 42 | 67 | 94 | 161 |
| Integrated Disease Management | 3 | 1 | 4 | | | | 38 | 41 | 21 | 34 | 59 | 75 | 38 | 41 | 21 | 34 | 59 | 75 | 134 |
| Bio-control of pests and diseases | | | | | | | | | | | | | | | | | | | |
| Production of bio control agents and | | | | | | | | | | | | | | | | | | | |

| bio pesticides | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|
| VIII Fisheries | | | | | | | | | | | |
| Integrated fish farming | | | | | | | | | | | |
| Carp breeding and hatchery management | | | | | | | | | | | |
| Carp fry and fingerling rearing | | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | | |
| Hatchery management and culture of freshwater prawn | | | | | | | | | | | |
| Breeding and culture of ornamental fishes | | | | | | | | | | | |
| Portable plastic carp hatchery | | | | | | | | | | | |
| Pen culture of fish and prawn | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | |

| Edible oyster farming | | | | | | | | | | | | | |
|---|----------|----------|---|--|--|--|--|--|--|--|--|--|--|
| Pearl culture | | | | | | | | | | | | | |
| Fish processing and value addition | | | | | | | | | | | | | |
| IX Production | of Input | s at sit | e | | | | | | | | | | |
| Seed Production | | | | | | | | | | | | | |
| Planting material production | | | | | | | | | | | | | |
| Bio-agents production | | | | | | | | | | | | | |
| Bio-pesticides production | | | | | | | | | | | | | |
| Bio-fertilizer production | | | | | | | | | | | | | |
| Vermi- compost production | | | | | | | | | | | | | |
| Organic manures production | | | | | | | | | | | | | |
| Production of fry and fingerlings | | | | | | | | | | | | | |

| Production of Bee-colonies and wax sheets | | | | | | | | | | | | | | | | | | | | |
|--|------------|-------|--------|-------|---|--|--|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| Small tools and implements | | | | | | | | | | | | | | | | | | | | |
| Production of livestock feed and fodder | | | | | | | | | | | | | | | | | | | | |
| Production of Fish feed | | | | | | | | | | | | | | | | | | | | |
| X Capacity Bu | uilding an | d Gro | up Dyn | amics | 5 | | | | | 1 | | • | | | • | L | L | | | 1 |
| Leadership development | | | | | | | | | | | | | | | | | | | | |
| Group dynamics | | | | | | | | | | | | | | | | | | | | |
| Formation and Management of SHGs | 2 | 2 | 4 | | | | | 26 | 32 | 14 | 54 | 40 | 86 | 26 | 32 | 14 | 54 | 40 | 86 | 126 |
| Mobilization of social capital | 1 | 2 | 3 | | | | | 28 | 48 | 36 | 16 | 64 | 64 | 28 | 48 | 36 | 16 | 64 | 64 | 128 |
| Entrepreneuri al development of farmers/youth s | | | | | | | | | | | | | | | | | | | | |

| WTO and IPR issues | | | | | | | | | | | | |
|----------------------------------|------|--|--|--|--|--|--|--|--|--|--|--|
| XI Agro-forest | rv | | | | | | | | | | | |
| | 5 | | | | | | | | | | | |
| Production technologies | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | |
| Integrated Farming Systems | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | |
| (B) RURAL Y | OUTH | | | | | | | | | | | |

3.3.3. Achievements on Training <u>Rural Youth</u> in <u>On Campus</u> including <u>Sponsored On Campus</u> Training Programmes

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

| | No. c | of Cour Prog | rses/ | | | | | | | | | Pa | rticipa | nts | | | | | | | | <mark>Grand</mark> Total |
|------------------------|-----------|------------------|--------------|-----------|------------------|-----------|------------------|-----------------------|--------------------------|-----------|------------------|----------------|-------------------|------------------------|-------------------------------|-----------------|------------------------|------------------|-------------------------|-----------------------|------------------------------|-----------------------------|
| | | | T () | | | Gei | neral | | | | | S | C/ST | | | | | Tot | tal | | | (x + y) |
| Thematic area | | | Total | М | ale | Fei | male | To | otal | М | lale | Fei | nale | Total | | Male | | Female | | Total | | |
| | On (1) | Sp On* (2) | (1+2) | On (4) | Sp. On (5) | On (6) | Sp. On (7) | On (a= 4+6) | Sp. On (b= 5+7) | On (8) | Sp. On (9) | On (10) | Sp. On (11) | On (c= 8+10) | Sp. On (d= 9+11) | On (4+8) | Sp. On (5+9) | On (6+10) | Sp. On (7+11) | On (x= a +c) | Sp. On (y= b +d) | |
| Mushroom Production | | | | | | | | | | | | | | | | | | | | | | |
| Bee-keeping | | | | | | | | | | | | | | | | | | | | | | |

| Integrated farming | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|--|
| Seed production | | | | | | | | | | | |
| Production of organic inputs | | | | | | | | | | | |
| Integrated Farming | | | | | | | | | | | |
| Planting material production | | | | | | | | | | | |
| Vermi-culture | | | | | | | | | | | |
| Sericulture | | | | | | | | | | | |
| Protected cultivation of vegetable crops | | | | | | | | | | | |
| Commercial fruit production | | | | | | | | | | | |
| Repair and maintenance of farm machinery and implements | | | | | | | | | | | |
| Nursery Management of Horticulture | | | | | | | | | | | |

| crops | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|
| Training and pruning of orchards | | | | | | | | | | | |
| Value addition | | | | | | | | | | | |
| Production of quality animal products | | | | | | | | | | | |
| Dairying | | | | | | | | | | | |
| Sheep and goat rearing | | | | | | | | | | | |
| Quail farming | | | | | | | | | | | |
| Piggery | | | | | | | | | | | |
| Rabbit farming | | | | | | | | | | | |
| Poultry production | | | | | | | | | | | |
| Ornamental fisheries | | | | | | | | | | | |
| Para vets | | | | | | | | | | | |
| Para extension workers | | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | | |

| Freshwater prawn culture | | | | | | | | | | | | | | | | | | | | | |
|---|-------------------|-----------------|---------------------|------------------------|------------------|---------------|-------------------------|-----|---------------------------|------------------|-------------------------|-------|---------------|--------|--------|-------|--------|-------|-----|----|----------------|
| Shrimp farming | | | | | | | | | | | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | | | | | | | | | | | |
| Cold water fisheries | | 1 | 1 | | | | | | | 25 | | 8 | | 33 | | 25 | | 8 | | 33 | 33 |
| Fish harvest and processing technology | | | | | | | | | | | | | | | | | | | | | |
| Fry and fingerling rearing | | | | | | | | | | | | | | | | | | | | | |
| Small scale processing | | | | | | | | | | | | | | | | | | | | | |
| Post-Harvest Technology | | | | | | | | | | | | | | | | | | | | | |
| Tailoring and Stitching | | | | | | | | | | | | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | | | | | | | | | |
| 3.3.4. Achiev (*Sp. Off m | ements eans Of | on Tra f Cam | aining (pus tra | of <u>Ru</u> aining | ral Yo g prog | outh grami | in <u>Off</u> mes sp | Cam | i <u>pus</u> in red by | ncludi v exte | ing <u>Sp</u> rnal a | oonso | red O ies) | ff Can | npus T | raini | ng Pro | gramr | nes | | |
| Thematic area | No. of | Courses | / Prog. | | | | | | | - | | Pa | rticipa | nts | | - | | | | | Grand Total |
| | Off | Sp | Tota | | | Ge | neral | | | | | S | C/ST | | | | | Tot | tal | | |

| | Off | 1 | Μ | ale | Fei | male | Te | otal | Μ | ale | Fei | nale | To | otal | Μ | ale | Fen | nale | То | otal | |
|---|-----|---|---------|----------------|---------|----------------|-----|----------------|---------|----------------|---------|----------------|-----|------------|-----|----------------|-----|------------|---------|----------------|--|
| | | | Of f | Sp Off * | Of f | Sp Off * | Off | Sp Off * | Of f | Sp Off * | Of f | Sp Off * | Off | Sp Off* | Off | Sp Off * | Off | Sp Off* | Of f | Sp Off * | |
| Mushroom Production | | | | | | | | | | | | | | | | | | | | | |
| Bee-keeping | | | | | | | | | | | | | | | | | | | | | |
| Integrated farming | | | | | | | | | | | | | | | | | | | | | |
| Seed production | | | | | | | | | | | | | | | | | | | | | |
| Production of organic inputs | | | | | | | | | | | | | | | | | | | | | |
| Integrated Farming | | | | | | | | | | | | | | | | | | | | | |
| Planting material production | | | | | | | | | | | | | | | | | | | | | |
| Vermi-culture | | | | | | | | | | | | | | | | | | | | | |
| Sericulture | | | | | | | | | | | | | | | | | | | | | |
| Protected cultivation of vegetable crops | | | | | | | | | | | | | | | | | | | | | |
| Commercial fruit production | | | | | | | | | | | | | | | | | | | | | |
| Repair and maintenance | | | | | | | | | | | | | | | | | | | | | |

| of farm machinery and implements | | | | | | | | | | | | |
|--|----|----|--|--|--|----|----|----|----|----|----|----|
| Nursery Management of Horticulture crops | | | | | | | | | | | | |
| Training and pruning of orchards | | | | | | | | | | | | |
| Value addition | | | | | | | | | | | | |
| Production of quality animal products | | | | | | | | | | | | |
| Dairying | | | | | | | | | | | | |
| Sheep and goat rearing | | | | | | | | | | | | |
| Quail farming | | | | | | | | | | | | |
| Piggery | | | | | | | | | | | | |
| Rabbit farming | | | | | | | | | | | | |
| Poultry production | 02 | 02 | | | | 26 | 37 | 63 | 26 | 37 | 63 | 63 |
| Ornamental fisheries | | | | | | | | | | | | |

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

| TOTAL | | | | | | | | | | | | | | | | | | | | | | |
|---|----------------------------|------------------|----------|-----------------------|------------------|-----------|------------------|---------------------------------|--------------------------|-----------|--------------------------|----------------|--------------------|------------------------|-------------------------------|-----------------|------------------------|------------------|-------------------------|-----------------------|------------------------------|-----------------------------|
| C. Extension 3.3.5. Achieve (*Sp. On me | Person ements ans On | nel on Tra | uining o | of <u>Ex</u> ining | tensio | on Per | rsonn nes sp | <u>el</u> in <u>(</u> oonsor | <u>Dn Ca</u> red by | mpus | <u>s</u> inclu rnal a | ıding genci | <u>Spon</u> es) | sored | On Ca | mpus | Trair | ing Pr | ogram | mes | | |
| | No. of | Courses | / prog | | | | | | | | | Pa | rticipa | nts | | | | | | | | <mark>Grand</mark> Total |
| | | | | Gen | eral | | | | | SC/S | ST | | | | | Tota | l | | | | | (x + y) |
| | | | Total | M | lale | Fe | male | Total | | Male | ; | Fema | ale | Total | | Male | | Female | | Tota l | l | |
| Thematic area | On (1) | Sp On* (2) | (1+2) | On (4) | Sp. On (5) | On (6) | Sp. On (7) | On (a= 4+6) | Sp. On (b= 5+7) | On (8) | Sp. On (9) | On (10) | Sp. On (11) | On (c= 8+10) | Sp. On (d= 9+11) | On (4+8) | Sp. On (5+9) | On (6+10) | Sp. On (7+11) | On (x= a +c) | Sp. On (y= b +d) | |
| Productivity enhancement in field crops | | | | | | | | | | | | | | | | | | | | | | |
| X 1 | | | | | | | | | | | | | | | | | | | | | | |
| Integrated Pest Management | | | | | | | | | | | | | | | | | | | | | | |
| Integrated Nutrient | | | | | | | | | | | | | | | | | | | | | | |

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

| Management in farm animals | | | | | | | | | | | | | | | | | | | | | |
|---|----------|--------|-------|--------------|--------|-------|--------|-----------------------|--------|------|----------------|-------|-------------|-------|--------|-------|---------|---------|-------|-----|--|
| Livestock feed and fodder production | | | | | | | | | | | | | | | | | | | | | |
| Household food security | | | | | | | | | | | | | | | | | | | | | |
| Women and Child care | | | | | | | | | | | | | | | | | | | | | |
| Low cost and nutrient efficient diet designing | | | | | | | | | | | | | | | | | | | | | |
| Production and use of organic inputs | | | | | | | | | | | | | | | | | | | | | |
| Gender mainstreamin g through SHGs | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| 3.3.6. Achieve | ements o | on Tra | ining | of <u>Ex</u> | tensio | n Pei | rsonne | <u>el</u> in <u>(</u> | Off Ca | mpus | <u>s</u> inclu | ıding | <u>Spon</u> | sored | Off Ca | ampus | s Trair | ning Pr | ogram | mes | |
| | 0.00 | 2 | 4 | | | | | | | | | | • ` | | | | | | | | |

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

| | No. of C | Courses | / prog. | | | | | | | | | Pa | rticipa | nts | | | | | | | | Grand Total |
|--|----------|-----------|---------|---------|----------------|---------|----------------|-----|----------------|---------|----------------|---------|----------------|-------|------------|------|----------------|-------|------------|---------|----------------|----------------|
| | | | | | | Ge | neral | | | | | S | C/ST | | | | | Tot | tal | | | |
| Thematic area | Off | Sp Off | Tota | М | [ale | Fei | male | To | otal | Μ | ale | Fer | nale | Total | | Male | | Femal | e | Tota | .1 | |
| | | * | | Of f | Sp Off * | Of f | Sp Off * | Off | Sp Off * | Of f | Sp Off * | Of f | Sp Off * | Off | Sp Off* | Off | Sp Off * | Off | Sp Off* | Of f | Sp Off * | • |
| Productivity enhancement in field crops | | | | | | | | | | | | | | | | | | | | | | |
| Integrated Pest Management | | | | | | | | | | | | | | | | | | | | | | |
| Integrated Nutrient management | | | | | | | | | | | | | | | | | | | | | | |
| Rejuvenation of old orchards | | | | | | | | | | | | | | | | | | | | | | |
| Protected cultivation technology | | | | | | | | | | | | | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | | | | | | | | | | | | | |
| Group Dynamics and farmers organization | 1 | 1 | | | | | | | 18 | | 07 | | 25 | | 18 | | | 07 | | 25 | | 33 |

| | | | | | | | | | | - | |
|--|--|--|--|--|--|--|--|--|--|---|--|
| Information networking among farmers | | | | | | | | | | | |
| Capacity building for ICT application | | | | | | | | | | | |
| Care and maintenance of farm machinery and implements | | | | | | | | | | | |
| WTO and IPR issues | | | | | | | | | | | |
| Management in farm animals | | | | | | | | | | | |
| Livestock feed and fodder production | | | | | | | | | | | |
| Household food security | | | | | | | | | | | |
| Women and Child care | | | | | | | | | | | |
| Low cost and nutrient efficient diet designing | | | | | | | | | | | |

| Production and use of organic inputs | | | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|--|--|
| Gender mainstreamin g through SHGs | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | |

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

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

| Discipline | Area of traini | Title of the training programm | Date (From – to) | Durati on in days | Venue | Please specify Beneficiary group (Farmer & Farm women/ RY/ EP and NGO Personnel) | G par | eneral ticipan | nts | | SC/ST | ſ | Gra | and To | tal |
|------------|--|---|-----------------------------------|-------------------------|---------------------------------|--|----------|-------------------|-----|----|-------|----|-----|--------|-----|
| | ng | e | | | | | Μ | F | Т | Μ | F | Т | Μ | F | Т |
| Fisheries | Popul arizati on of fish farmi ng | Cold Water Fish Culture: An innovative approach for sustainable hill agriculture in rural areas of Anjaw District of Anjaw | 6-8 th Feb, 2017 | 3 | ZPC Office, Hayulian g | 18- farmers 9- Rural Youths 6- Farm Women | | | | 25 | 08 | 33 | 25 | 08 | 33 |

| Fisheries | Integr ated Fish Farmi ng | Integrated Fish Based Farming System Developme nt in Hill Area | 25 to 29 th March, 2017 | 5 | ZPC Office, Hayulian g | 22- farmers 8- Rural Youths | | 14 | 16 | 30 | | 30 |
|-----------|---------------------------------------|--|---|---|---------------------------------|--------------------------------|--|----|----|----|--|----|
| | | | | | | | | | | | | |

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

| Discipline | Area of traini | Title of the training programm | Date (From – to) | Duratio n in days | Venue | Please specify Beneficiary group (Farmer & Farm women/ RY/ EP and NGO Personnel) | G part | enera ticipa | ul Ints | | SC/ST | | Gra | and To | tal |
|--------------------------|---|--|---|-------------------------|--|--|-----------|-----------------|------------|----|-------|----|-----|--------|-----|
| | ng | e | | | | | М | F | Т | М | F | Т | М | F | Т |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| Agronomy Horticulture | Sustai nable incom e gebera tion | 1.Cultivati on of sweet corn maize variety 2.Post harvest & value addition of horticulture crops 3.Broiler farming | 30 th June to 1 st July | 2 | Comm unity Hall, Tafralia ng | 58 | | | | 31 | 27 | 58 | | | 58 |

| | for | | | | | | | |
|--|------------|--|--|--|--|--|--|--|
| | sustainabl | | | | | | | |
| | e income | | | | | | | |
| | generation | | | | | | | |
| | | | | | | | | |

(D) Vocational training programmes for Rural Youth

| Crop / Enterprise | Date (From – To) | Durati on (days | Area of training | Training title* | (| Genera | ıl | No. of | Partic | ipants. | | Total | | Impact o employn | f training i nent after i | in terms of S training | elf | Whether Sponsored by external funding agencies (Please Specify with amount of fund in Rs.) |
|-------------------|------------------------|-----------------------|---------------------|--------------------|---|--------|----|--------|--------|---------|---|-------|---|---|------------------------------|---|---|--|
| | | | | | Μ | F | Т | М | F | T | Μ | F | Т | Type of enterp rise ventur ed into | Numb er of units | Number of persons employe d | Avg. Annual income in Rs. generated through the enterprise | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | |

*training title should specify the major technology /skill transferred

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

| | | | | | | | | | | No. of | Partic | cipants | 3 | | | Spo | Amoun |
|------------------------|---|-----------------------|--------------------|------------|--------------------------|-------|---|--------|----|--------|--------|---------|---|-------|---|---------------------------|------------------------------------|
| On/ Off/ Vocational | Beneficiary group (F/ FW/ RY/ EP) | Date (From- To) | Duration (days) | Discipline | Area of Titl training | Title | (| Genera | al | | SC/ST | | | Total | | nsor ing Age ncy | t of fund receive d (Rs.) |
| | | | | | | | М | F | Т | М | F | Т | М | F | Т | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| Total | | | | | | | | | | | | | | | | | |

3.4. Extension Activities (including activities of FLD programmes) (Please mention specific Extension Activity conducted by the KVK such as Field Day, Kisan Mela, Exhibition, Diagnostic Visit, etc.) during 2016-17

| Sl. No. | | Торіс | Date and duration | No. of activities | | | | | I | Participa | nts | | | | | |
|---------|--------------------|-------|----------------------|----------------------|---|--------------|---|-----|--------------|-----------|-----------|-----------------------|------------|-----|------------------|-----|
| | Extension Activity | | | | G | enera (1) | 1 | | SC/ST (2) | | Ext Of | tensi ficia (3) | ion Ils | Gi | rand To (1+2) | tal |
| | | | | | М | F | Т | М | F | Т | М | F | Т | М | F | Т |
| 1. | Advisory services | | | 158 | | | | 110 | 107 | 217 | | | | 110 | 107 | 217 |
| 2. | Diagnostic visit | | | 38 | | | | 28 | 14 | 42 | | | | 28 | 14 | 42 |
| 3. | Field day | | | - | | | | - | | | | | | - | | |
| 4. | Group Discussion | | | 32 | | | | 88 | 33 | 121 | | | | 88 | 33 | 121 |
| 5. | Kishan Gosthi | | | - | | | | | | | | | | | | |
| | Kishan Mela | | | 2 | | | | 270 | 103 | 373 | | | | 270 | 103 | 373 |
| 6. | Film show | | | - | | | | | | | | | | | | |
| 7. | SHG formation | | | 3 | | | | - | 43 | 43 | | | | - | 43 | 43 |

| 8. | Exhibition | | 4 | | 175 | 120 | 295 | | 175 | 120 | 295 |
|-----|--------------------------------------|--|-----|--|------|------|------|--|------|------|------|
| 9. | Scientists visit to farmers fields | | 145 | | 198 | 108 | 306 | | 198 | 108 | 306 |
| 10. | Plant/ Animal Health camp | | 5 | | 98 | 56 | 154 | | 98 | 56 | 154 |
| 11. | Farm science club | | - | | | | | | | | |
| 12. | Ex-trainee Sammelan | | - | | | | | | | | |
| 13. | Farmers seminar/ workshop | | - | | | | | | | | |
| 14. | Method demonstration | | 8 | | 71 | 47 | 118 | | 71 | 47 | 118 |
| 15. | Celebration of important days | | 7 | | Mass | Mass | Mass | | Mass | Mass | Mass |
| 16. | Exposure visits | | 1 | | 14 | 6 | 20 | | 14 | 6 | 20 |
| 17. | Electronic media (CD/DVD) | | - | | | | | | | | |
| 18. | Extension literature | | 10 | | Mass | Mass | Mass | | Mass | Mass | Mass |
| 19. | Newspaper coverage | | 65 | | Mass | Mass | Mass | | Mass | Mass | Mass |
| 20. | Popular articles | | - | | | | | | | | |
| 21. | Radio talk | | - | | | | | | | | |
| 22. | TV talk | | - | | | | | | | | |
| 23. | Training manual | | 1 | | Mass | Mass | Mass | | Mass | Mass | Mass |
| 24. | Soil health camp | | | | 40 | 32 | 72 | | 40 | 32 | 72 |
| 25. | Awareness camp | | 6 | | 146 | 130 | 276 | | 146 | 130 | 276 |
| 26. | Lecture delivered as resource person | | 26 | | 146 | 93 | 239 | | 146 | 93 | 239 |
| 27. | PRA | | 1 | | 8 | 6 | 14 | | 8 | 6 | 14 |
| 28. | Farmer-Scientist interaction | | 2 | | 92 | 42 | 134 | | 92 | 42 | 134 |

| 29. | Soil test campaign | | - | | | | | | | | |
|-----|--------------------------------|--|-----|--|------|-----|------|--|------|-----|------|
| 30. | Mahila Mandal Convener meet | | 4 | | | 46 | 46 | | | 46 | 46 |
| 31. | Any other (Please specify) | | | | | | | | | | |
| 32. | | | | | | | | | | | |
| | Grand Total | | 518 | | 1484 | 986 | 2470 | | 1484 | 986 | 2470 |

3.5 Production and supply of Technological products during 2016-17

A. SEED MATERIALS

| Major group/class | Сгор | Variety | Quantity (qt) | Value (Rs.) | Number | of recipient/ be | eneficiaries |
|-------------------|------|---------|---------------|-------------|---------|------------------|--------------|
| | | | | | | | |
| | | | | | General | SC/ST | Total |
| CEREALS | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| OILSEEDS | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| PULSES | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| VEGETABLES | | | | |
|------------------|--|--|--|--|
| | | | | |
| | | | | |
| | | | | |
| FLOWER CROPS | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| OTHERS (Specify) | | | | |
| | | | | |

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

| Sl. No. | Major group/class | Ouantity (ton.) | Value (Rs.) | Number of recipient/ beneficiaries | | | | |
|---------|-------------------|------------------------|-------------|------------------------------------|-------|-------|--|--|
| | | | | General | SC/ST | Total | | |
| 1 | CEREALS | | | | | | | |
| 2 | OILSEEDS | | | | | | | |
| 3 | PULSES | | | | | | | |
| 4 | VEGETABLES | | | | | | | |
| 5 | FLOWER CROPS | | | | | | | |

| 6 | OTHERS | | | |
|---|--------|--|--|--|
| | TOTAL | | | |

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

| Major group/class | Сгор | Variety | Numbers (In Lakh) | Value (Rs.) | Numb | beneficiaries | |
|--------------------------|-------------|---------------|-------------------|-------------|---------|---------------|-------|
| | | | | | | | |
| | | | | | General | SC/ST | Total |
| Fruits | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Spices | | | | | | | |
| • | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Ornamental Plants | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| VEGETABLES | Cabbage | Golden acre | 1700 | 8500 | | 100 | |
| | Broccoli | Italian Green | 1700 | 8500 | | 100 | |
| | King Chilly | local | 85 | 850 | | 5 | |
| | | | | | | | |
| | | | | | | | |

| Forest Spp. | | | | |
|----------------------|--|--|--|--|
| | | | | |
| | | | | |
| Plantation crops | | | | |
| | | | | |
| | | | | |
| Medicinal plants | | | | |
| | | | | |
| OTHERS (Pl. Specify) | | | | |
| | | | | |

B1. SUMMARY of Production and supply of Planting Materials (In Lakh) during 2016-17

| Sl. No. Major group/class | | Numbers (In | Value (Rs.) | Number of recipient beneficiaries | | | | |
|---------------------------|------------------------|-------------|-------------|-----------------------------------|-------|-------|--|--|
| | | Lakh) | | General | SC/ST | Total | | |
| 1 | Fruits | | | | | | | |
| 2 | Spices | | | | | | | |
| 3 | Ornamental Plants | | | | | | | |
| | VEGETABLES (Cabbage | 3485 | 17850 | | 205 | 205 | | |
| 4 | Broccoli King Chilly) | | | | | | | |
| 5 | Forest Spp. | | | | | | | |

| 6 | Medicinal plants | | | |
|-------|------------------|--|--|--|
| 7 | Plantation crops | | | |
| 8 | OTHERS (Specify) | | | |
| TOTAL | | | | |

C. Production of Bio-Products during 2016-17

| Major group/class | Product Name | Species | Qu | lantity | Value (Rs.) | Number of Recipient /beneficiaries | | ient |
|-------------------|--------------|--------------------|----|---------|-------------|---------------------------------------|-------|-------|
| | | | No | (qt) | | | | |
| | | | | | | General | SC/ST | Total |
| BIOAGENTS | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| BIOFERTILIZERS | | | | | | | | |
| 1 | Vermicompost | Eisinia foetida | | 20 | 400 | - | 18 | - |
| 2 | | | | | | | | |
| 3 | | | | | | | | |
| 4 | | | | | | | | |
| BIO PESTICIDES | | | | | | | | |

| 1 | | | | |
|---|--|--|--|--|
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |

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

| Sl. No. | Product Name | Species | Quantity | | Value (Rs.) | Number of Recipient beneficiaries | | Total number of Recipient |
|---------|--------------------|-----------------|----------|------|-------------|--------------------------------------|-------|---------------------------------|
| | | | Nos | (kg) | | General | SC/ST | beneficiaries |
| 1 | BIOAGENTS | | | | | | | |
| 2 | BIO FERTILIZERS | Eisinia foetida | - | 20 | 400 | | 18 | 18 |
| 3 | BIO PESTICIDE | | | | | | | |
| | TOTAL | | | 20 | 400 | | 18 | 18 |

D. Production of livestock during 2016-17

| Sl. No. | Type of livestock | Breed | Quar | Quantity | | Quantity Value (Rs.) | | Number of Recipion beneficiaries | | pient s |
|---------|-------------------|-------|-----------|----------|-----|----------------------|-------|-------------------------------------|--|------------|
| | | | (Nos) Kgs | | | | | | | |
| | | | | | | General | SC/ST | Total | | |
| | Cattle/ Dairy | NIL | NIL | NIL | NIL | NIL | NIL | NIL | | |
| | | NIL | NIL | NIL | NIL | NIL | NIL | NIL | | |

| Goat | NIL |
|------------------|-----|-----|-----|-----|-----|-----|-----|
| | NIL |
| Piggery | NIL |
| | NIL |
| Poultry | NIL |
| | NIL |
| | NIL |
| Fisheries | NIL |
| | NIL |
| | NIL |
| Others (Specify) | NIL |
| | NIL |
| | NIL |

D1. SUMMARY of production of livestock during 2016-17

| Sl. No. | Livestock category | Breed | Quantity | | Value (Rs.) | Number of Recipient beneficiaries | | Total number of Recipient |
|---------|-----------------------|-------|----------|------|-------------|--------------------------------------|-------|---------------------------------|
| | | | Nos | (kg) | | General | SC/ST | beneficiaries |
| 1 | CATTLE | NIL | NIL | NIL | NIL | NIL | NIL | NIL |
| 2 | SHEEP & GOAT | NIL | NIL | NIL | NIL | NIL | NIL | NIL |
| 3 | POULTRY | NIL |
|----|----------------------|-----|-----|-----|-----|-----|-----|-----|
| 4. | PIGGERY | NIL |
| 5 | FISHERIES | NIL |
| 6 | OTHERS (Pl. specify) | NIL |
| | TOTAL | NIL |

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

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

(B) Articles/ Literature developed/published

| Item | Title /and Name of Journal | Authors name | Number of copies |
|------------------|---|---------------|------------------|
| Research papers | - | - | - |
| 1. | | | |
| 2. | | | |
| 3. | | | |
| Training manuals | 01 | Tilling Tayo | 200 |
| | (Training manual on backyard poultry production under | Manish Kanwat | |
| | TSP for Livelihood improvement of Tribal society. | R. Bhagawati | |
| | (F.NO.RC/PME/PUB/2016-17/129) | S.V.Ngachan | |
| | | Doni Jini | |
| Technical Report | | | |

| 1. | Spaying in Dog in ICAR Kiran website | Tilling Tayo | - |
|---------------------|---|------------------|---|
| 2. | Congenital bilateral blind eye in sow (Pig) in ICAR Kiran website | Tilling Tayo | - |
| 3. | Castration in Dog, in ICAR Kiran website | Tilling Tayo | - |
| 4. | Maggot wound dressing in Mithun, in ICAR Kiran website | Tilling Tayo | - |
| 5. | Survey on rain water harvesting structure at Barfu | S. Peter Singh | - |
| 6. | Virus eradication campaign on Large cardamom | Senpon Ngomle | - |
| Book/ Book Chapter | | | |
| Popular articles | | | |
| Technical bulletins | | | |
| Extension bulletins | | | |
| Newsletter | KVK, Newsletter 2016-17 | Dr. S.V. Ngachan | |
| | | Dr. B.C. Deka | |
| | | Dr. R. Bhagawati | |
| | | Manish Kanwat | |
| | | S. Peter Singh | |
| | | Rebecca Eko | |
| | | Khoisnam Naveen | |
| | | Senpon Ngomle | |
| | | Tilling Tayo | |
| | | P. Mahanta | |
| | | K. Ch. Gogoi | |

| Conference/ workshop | (02) | | |
|-------------------------|---|--|------------------|
| proceedings | Pikey, a unique traditional food of Apatani tribes of Arunachal Pradesh of eastern Himalayan region, India. In souvenir of "Indigenous farming and Traditional foods of North East" from 25- 27th February 2017, at ICAR, Barapani. Some traditional food and beverages of the Galo tribe of West Siang district of Arunachal Pradesh. | Tilling Tayo Manish Kanwat Rebecca Eko Senpon Ngomle S. Peter Singh Naveen Khoisnam | 1. 200 2. 200 |
| | | | |
| Leaflets/folders | (03) | Manish Kanwat | 200 |
| | 1.Scientific Back Yard Poultry Farming, A Profitable Venture for Tribal Farmers | Manish Kanwat | 200 |
| | 2.Scientific pig farming in Anjaw District | Senpon Ngomle | 50 |
| | 3.Oyster Mushroom Cultivation in Mishmi local dialects i.e Takyuing Kaliyo Baya | | |
| e-publications | | | |
| Any other (Pl. specify) | | | |
| TOTAL | 14 | | |

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

(C) Details of Electronic Media Produced

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

| | Cassette) | | |
|---|-----------|-----|-----|
| 1 | NIL | NIL | NIL |

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

| S. No. | Crop / Enterprise | ITK Practiced | Purpose of ITK |
|--------|-------------------|--------------------|--------------------|
| 1 | Mithun | Salt Licking Block | Drudgery reduction |

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

- Identification of courses for farmers/farm women

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

- Rural Youth

1. Formation of Farmers Club and promotion to FPOs for development of marketing linkages for disposal of agriculture produces.

- Extension personnel

1. Dissemination of latest developed technology and other need based technology for capacity building among the farmers and rural youths

3.11 Field activities

- i. Number of villages adopted: 3
- ii. No. of farm families selected: 12

iii. No. of survey/PRA conducted: 3

3.12. Activities of Soil and Water Testing

- 1. Status of establishment of Lab : No
- 1. Year of establishment : No
- 2. List of equipment's purchased with amount : No

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

3. Details of samples analyzed (2016-17) :

| Details | No. of Samples analyzed | No. of Farmers | No. of Villages | Amount (In Rupees) realized |
|-----------------|-------------------------|----------------|-----------------|---------------------------------|
| Soil Samples | 25 | 277 | 163 | 1800 |
| Water Samples | | | | |
| Plant Samples | | | | |
| Petiole Samples | | | | |
| Total | 25 | 277 | 163 | 1800 |

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

- a. No. of SHCs prepared: 277
- b. No. of farmers to whom SHCs were distributed: 277
- c. Name of the Major and Minor nutrients analyzed: Major (Calcium, Magnesium, Sulphur), Minor (N, P, K)
- d. No. of villages covered: 163
- e. Soil health card based nutrient management in different crops (pl. submit in brief in separate page)

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

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

3.14 Contingency planning for 2016-17

a. Crop based Contingency planning

| Contingency (Drought/ Elood/ Cyclone/ Any | Proposed Measure | Proposed Area (In | Number of beneficiaries proposed to be covered | | | |
|--|---|--------------------|--|-------|-------|--|
| other please specify) | | ha.) to be covered | General | SC/ST | Total | |
| Drought | Introduction of new variety or crop | | | | | |
| | Short duration crops/varieties like RCM-1-75, RCM-1-76 Conservation of pre- monsoon soil moisture through soil/straw/grass mulching practices Maize + groundnut/soya bean/rice bean inter cropping. Hydro priming/ seed soaking in water for 24hr and followed by shade drying before sowing. Application of organic manure before sowing. | 5.00 | | 20.00 | 20.00 | |
| | | | | | | |

| Introduction of Resource Conservation Technologies | | | |
|--|------|-------|-------|
| Planning for zero tillage cultivation of pea, toria etc. | 3.00 | 15.00 | 15.00 |
| | | | |
| | | | |
| | | | |
| Any other (Please specify) | | | |
| | | | |

a. Livestock based Contingency planning

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

4.0. IMPACT

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

| Name of specific technology/skill transferred | No. of participants | % of adoption | Change in income (Rs.) | | |
|---|------------------------|---------------|------------------------|---------------------|--|
| | | | Before (Rs./Unit) | After (Rs./Unit) | |

| Preparation of squash, Jam and Jelly | 11 | 90 | 480 | 800 |
|--------------------------------------|----|----|-----|-----|
|--------------------------------------|----|----|-----|-----|

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

4.2. Cases of large scale adoption

Till now no large scale adoption has been undertaken.

4.3 Details of impact analysis of KVK activities carried out during the reporting period

5.0. LINKAGES ESTABLISHED

5.1 Functional linkage with different organizations

| Name of organization | Nature of linkage |
|--|---|
| | |
| ICAR RC for NEH Region Umiam | Planting/seed material and get the technical backstopping from the HQ end |
| ICAR RC for NEH Region AP Centre, Basar | Planting/seed material and get the technical backstopping from the HQ end |
| National Research Centre for Banana, Tiruchirapalli | Providing the financial support and planting material for conducting the demonstrations at farmers' field. |
| Department of Agriculture, Anjaw, Govt. of A.P | Sponsored cum collaborative programme |
| Deptt of Veterinary & Animal Husbandry. Govt. of A.P | Sponsored cum collaborative programme |
| General Administration | Logistic support |
| NABARD | Financial Assistance |
| NABCONs | Financial Support |
| College of Horticultural & Forestry | Technical backstopping |
| CDPO, Hayuliang | Sponsored cum collaborative programme |
| Spices Board, Namsai | Sponsored cum collaborative programme |

NB: The nature of linkage should be indicated in terms of joint diagnostic survey, joint implementation, participation in meeting, contribution received

for infrastructural development, conducting training programmes and demonstration or any other

| Name of the scheme | Activity | Date/ Month of initiation | Funding agency | Amount (Rs.) |
|--------------------|--|---------------------------|----------------------------------|--------------|
| BADP | Distribution of Goat, Pig and Poultry | February, 2017 | BADP, Govt. of Arunachal Pradesh | 50,00,000 |
| BADP | Distribution of L. Cardamom saplings, oranges, Kiwi | February, 2017 | BADP, Govt. of Arunachal Pradesh | 20,00,000 |

5.2 List special programmes undertaken by the KVK, which have been financed by State Govt./Other Agencies during 2016-17

5.3 Details of linkage with ATMA

a) Is ATMA implemented in your district : Yes

| Sl. No. | Programme | Nature of linkage | Remarks |
|---------|-------------------------------|---------------------------------------|---|
| 1 | Exposure Visit | Sponsored cum collaborative programme | Conducted on 17 th to 22 nd October, 2016 at ICAR Umiam, Meghalaya |
| 2 | Farmers Scientist Interaction | Sponsored cum collaborative programme | Conducted at Walong and Hayuliang during October, 2016 |
| 3 | Training | Sponsored cum collaborative programme | |

5.4 Give details of programmes implemented under National Horticultural Mission

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

| 2 | NIL | NIL | NIL |
|---|-----|-----|-----|
| | | | |

5.5 Nature of linkage with National Fisheries Development Board

| S. No. | Programme | Nature of linkage | Remarks |
|--------|-----------|--------------------------------------|---------|
| 1 | Trainings | Sponsored and technical backstopping | |

6. PERFORMANCE OF INFRASTRUCTURE IN KVK DURING 2016-17

6.1 **Performance of demonstration units (other than instructional farm)**

| | | Year of Estd. | | | | | | Details of production | | | Amount (Rs.) | | |
|-------------------|--------------------|---------------|---------|--------------------|------|----------------|-----------------|-----------------------|---|--|--------------|--|--|
| Sl. No. Demo Unit | Year of Estd. Area | | Variety | Produce | Qty. | Cost of inputs | Gross income | Remarks | | | | | |
| 1 | Green Gram | 2015 | 0.25 ha | Pratap | | 15 Kg | 3000 | 4500 (if sold) | Seeds are not sold but kept for next year sowing | | | | |
| 2 | Jalkund | 2016 | 1 | | | 30000 | 4500 | | | | | | |
| 3 | Vermicompost | 2016 | 2 unit | Eisinia foetida | | 20 Kg | 7000 | 3600 | | | | | |
| 4 | Mushroom | 2016 | 1 unit | Oyster Mushroom | | 25 Kg | 6000 | 750 | | | | | |

| 5 | Polyhouse | 2016 | 1 unit | Tomato (Megha tomato-3) Local Chilly | Tomato – 250 King Chilly – 85 | 12000 | Tomato- Rs.1250 King Chilly- Rs.850 | |
|---|-----------|------|--------|---|--|--------|---|---|
| 6 | Shade net | 2016 | 1 unit | | Cabbage - 2000 Cauliflower-2000 Broccoli-2000 Capsicum-1800 | 8000 | Cabbage – Rs. 10000 Broccoli- Rs. 10000 (if sold) | 1700 each of cabbage and broccoli have given to 100 nos. of farmers |
| 7 | Poultry | 2016 | 1 unit | | | 50,000 | | Since it was newly established till now no chicks has been reared |

6.2 Performance of instructional farm (Crops) including seed production

| Nomo | Data of | Data of | | Deta | ails of production | n | Amou | nt (Rs.) | |
|-------------|--------------------------------------|-----------|---------|--------------------|--------------------|-------------------|-----------------|----------|---|
| of the crop | of the crop sowing harvest Area (ha) | Area (ha) | Variety | Type of Produce | Qty. | Cost of inputs | Gross income | Remarks | |
| Cereals | | | | | | | | | ÷ |
| Rice | | | | | | | | | |
| Wheat | | | | | | | | | |
| Maize | 23 March, 2016 | | | RCM-76 | | | 200 | | Due to no fencing all the crops are being eaten by pigs and mithun |
| Any other | | | | | | | | | |
| Pulses | | | | | | | | | |
| Green gram | | | | | | | | | |
| Black gram | | | | | | | | | |

| Arhar | | | | | | | | |
|---------------------------|------------------|------|---------|---|-------|------|------|---------------|
| Lentil | | | | | | | | |
| Peas | 29 th | | Vivek | | | 400 | | Due to no |
| | October, | | Matar | | | | | fencing all |
| | 2016 | | | | | | | the crops are |
| | | | | | | | | being eaten |
| | | | | | | | | by pigs and |
| | | | | | | | | mithun |
| Any other | | | | | | | | |
| Oilseeds | | - | | | _ | | | - |
| Mustard | | | | | | | | |
| Soy bean | June | | JS-35 | | | 500 | | Due to no |
| | | | | | | | | fencing all |
| | | | | | | | | the crops are |
| | | | | | | | | being eaten |
| | | | | | | | | by pigs and |
| | | | | | | | | mithun |
| Groundnut | | | | | | | | |
| Any other | | | | | | | | |
| Fibers | | - | | | | | - | - |
| i. | | | | | | | | |
| ii. | | | | | | | | |
| Spices & Plantation crops | 8 | | | | | | | |
| | | | | | | | | |
| i. | | | | | | | | |
| ii. | | | | | | | | |
| Floriculture | | | | | | | | |
| i. | | | | | | | | |
| ii. | | | | | | | | |
| Fruits | | | - | 7 | | | | - |
| i. | Kiwi | | Allison | | | 4500 | | Still on |
| | | | | | | | | growing |
| | | | | | | | | stage |
| ii. | | | | | | | | |
| Vegetables | | | - | 7 | | | | - |
| i. | Cabbage | 0.25 | Golden | | 30 Kg | 750 | 6000 | |
| | | | acre | | | | | |
| ii. | Broccoli | 0.25 | Italian | | 18 Kg | 750 | 3600 | |
| | | | green | | | | | |

| a. | Others (specify) | | | | | |
|-----|---------------------|--|--|--|--|--|
| i. | | | | | | |
| ii. | | | | | | |

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

| Sl. No. | Name of the | | Amou | | |
|---------|--------------|--------------|----------------|--------------|---------|
| | Product | Quantity | Cost of inputs | Gross income | Remarks |
| 1 | Vermicompost | (2 unit) 180 | 7000 | 3600 | |

6.4 **Performance of instructional farm (livestock and fisheries production)**

| S1 No | Name | De | Details of production | | | nt (Rs.) | | |
|--------|------------------------------------|----------------|-----------------------|------|----------------|--------------|---------|--|
| 51. NO | of the animal / bird / aquatics | Breed/ species | Type of Produce | Qty. | Cost of inputs | Gross income | Remarks | |
| 1 | NIL | NIL | NIL | NIL | NIL | NIL | NIL | |
| | | | | | | | | |
| 2 | NIL | NIL | NIL | NIL | NIL | NIL | NIL | |
| | | | | | | | | |

6.5 Rainwater Harvesting

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

| Date | Title of the training course | Client (PF/RY/EF) | No. of Courses | No. of Participants including SC/ST | | | No. of SC/ST Participants | | |
|--------------------------------|--|----------------------|----------------|-------------------------------------|--------|-------|---------------------------|--------|-------|
| | | | | Male | Female | Total | Male | Female | Total |
| 3 rd March, 2016 | Importance of Rain Water Harvesting in Hill Areas | 32 | 1 | | | | 22 | 10 | 32 |

| 27 th March, 2017 | Process for construction of Jalkund | 25 | 1 | | | | 16 | 09 | 25 |
|---------------------------------|--|----|---|--|--|--|----|----|----|
|---------------------------------|--|----|---|--|--|--|----|----|----|

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

Accommodation available (No. of beds):

| Months | Title of the training course/Purpose of stay | Duration of Training | No. of trainees stayed | Trainee days (days stayed) | Reason for short fall (if any) |
|-------------|---|-------------------------|------------------------------|-------------------------------------|--------------------------------|
| | NIL | NIL | NIL | NIL | NIL |
| | NIL | NIL | NIL | NIL | NIL |
| Total | NIL | NIL | NIL | NIL | NIL |
| Grand total | NIL | NIL | NIL | NIL | NIL |

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

7. FINANCIAL PERFORMANCE

7.1 Details of KVK Bank accounts

| Bank account | Name of the bank | Location/ Branch | Account Number |
|---------------------|---------------------|------------------|----------------|
| With Host Institute | | | |
| With KVK | State Bank of India | SBI, Hayuliang | 35540849992 |
| Revolving Fund | | | |

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

| Item | Released by ICAR/ZPD | Expenditure | Unspent balance as on 31 st |
|------|----------------------|-------------|--|
|------|----------------------|-------------|--|

| | Year | Year | Year | Year | March, 2015 |
|----------------------|------|------|------|------|-------------|
| Inputs | NIL | NIL | NIL | NIL | NIL |
| Extension activities | NIL | NIL | NIL | NIL | NIL |
| TA/DA/POL etc. | NIL | NIL | NIL | NIL | NIL |
| TOTAL | NIL | NIL | NIL | NIL | NIL |

7.3 Utilization of KVK funds during the year 2016 -17

| S. No. | Particulars | Sanctioned (in Lakh) | Released (in Lakh) | Expenditure (in Lakh) | | | | | |
|-----------|--|----------------------|-----------------------|--------------------------|--|--|--|--|--|
| A. Rec | A. Recurring Contingencies | | | | | | | | |
| 1 | Pay & Allowances | | | | | | | | |
| 2 | Traveling allowances | | | | | | | | |
| 3 | Contingencies | | | | | | | | |
| A | Stationery, telephone, postage and other expenditure on office running, publication of Newsletter and library maintenance (Purchase of News Paper & Magazines) | 3,20,000 | 3,20,000 | 349546 | | | | | |
| В | POL, repair of vehicles, tractor and equipment's | | | 97656 | | | | | |
| С | Meals/refreshment for trainees | | | 110795 | | | | | |
| D | Training material (posters, charts, demonstration material including chemicals etc. required for conducting the training) | | | | | | | | |
| Е | Frontline demonstration except oilseeds and pulses (minimum of 30 demonstration in a year) | | | | | | | | |
| F | On farm testing (on need based, location specific and newly generated information in the major production systems of the | | | | | | | | |

| | area) | | | | | | | | |
|-------------------|---|----------|---------|---------|--|--|--|--|--|
| G | Training of extension functionaries | | | | | | | | |
| Н | Maintenance of buildings | 40,000 | 40,000 | 40,000 | | | | | |
| Ι | Establishment of Soil, Plant & Water Testing Laboratory | 86,000 | 86,000 | 86,000 | | | | | |
| J | Library | | | | | | | | |
| | TOTAL (A) | 446000 | 446000 | 557997 | | | | | |
| B. Noi | B. Non-Recurring Contingencies | | | | | | | | |
| 1 | Works | | | | | | | | |
| 2 | Equipments including SWTL & Furniture | 3,25,090 | 86,000 | 86,000 | | | | | |
| 3 | Vehicle (Bolero) | 751897 | 751897 | 751897 | | | | | |
| 4 | Library (Purchase of assets like books & journals) | 63750 | 63750 | 63750 | | | | | |
| TOTAL (B) | | 1140737 | 901647 | 901647 | | | | | |
| C. REVOLVING FUND | | 20,000 | 20,000 | 20,000 | | | | | |
| GRAN | ND TOTAL (A+B+C) | 1606737 | 1367647 | 1479644 | | | | | |

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

| Year | Opening balance as on 1 st April | Income during the year | Expenditure during the year | Net balance in hand as on 1 st April of each year |
|--------------------------|--|------------------------------|--------------------------------|---|
| April 2014 to March 2015 | | | | |
| April 2015 to March 2016 | | | | |

| April 2016 to March 2017 | 0.00 | 20,500 | 0.00 | 20,500 |
|--------------------------|------|--------|------|--------|
| | | | | |

Note: No KVK must leave this table blank

8.0 Please include information which has not been reflected above.

(Write in detail)

8.1 Constraints

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

| Staff sanction | Strength of staff | Vacant |
|----------------|-------------------|--------|
| 16 | 07 | 09 |

(b) Financial

I. Due to remote locality, mostly we do not receive the fund timely to execute the activities timely and effectively.

(c) Technical

- I. No laboratory
- II. No demonstration unit
- III. No programme assistant
- IV. KVK site is located at remote area which is 22 Km far away from town

(Signature) Sr. Scientist cum Head

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