

## ANNUAL REPORT 2021 (January-December 2021)

### 1. GENERAL INFORMATION ABOUT THE KVK

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

| Address  | Telephone  |     | E mail                |
|--|------------|-----|-----------------------|
|  | Office     | FAX |                       |
| Jhargram Krishi Vigyan Kendra<br>Bidhan Chandra Krishi Vidyalaya<br>Kadamkanan, P.O & Distt.: Jhargram<br>West Bengal – 721507 | 8617071610 |     | jhargramkvk@gmail.com |

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

| Address  | Telephone          |     | E mail           |
|--|--------------------|-----|------------------|
|  | Office             | FAX |                  |
| <b>Bidhan Chandra Krishi Vidyalaya</b><br><b>P.O. Krishi Viswavidyalaya,</b><br><b>Mohanpur,</b><br><b>Dist- Nadia, West Bengal, India,</b><br><b>Pin-741252</b> | (03473)-<br>222269 |     | bckvvc@gmail.com |

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

| Name                | Telephone / Contact |            |                       |
|---------------------|---------------------|------------|-----------------------|
|                     | Residence           | Mobile     | Email                 |
| Dr.Asim Kumar Maiti |                     | 8617071610 | jhargramkvk@gmail.com |

#### 1.4. Year of sanction of KVK: 17.03.2021

1.5. Staff Position (as on 1<sup>st</sup> January, 2021)

| Sl. No. | Sanctioned post             | Name of the incumbent   | Designation               | Discipline          | Pay Scale with present basic                                 | Date of joining | Permanent /Temporary | Category (SC/ST/OBC/Others) |
|---------|-----------------------------|-------------------------|---------------------------|---------------------|--|-----------------|----------------------|-----------------------------|
| 1       | Programme Coordinator       | Dr. A. K. Maiti         | Sr. Scientist and Head    | Plant Protection    | Level 13A (Rs 1,31,400-2,17,100/-),<br>Basic- Rs. 1,56,900/- | 02.07.2012      | Permanent            | Others                      |
| 2       | Subject Matter Specialist   | Mr. S. N. Singh         | Subject Matter Specialist | Ag. Engineering     | Level 10 (Rs. 56,100-1,77,500/-)<br>Basic- Rs. 1,14,000/-    | 20.02.1990      | Permanent            | Others                      |
| 3       | Subject Matter Specialist   | Vacant                  | Subject Matter Specialist | Agronomy            | -  | -               | Vacant               | -                           |
| 4       | Subject Matter Specialist   | Dr.Srabani Das          | Subject Matter Specialist | Horticulture        | Level 10 (Rs. 56,100-1,77,500/-)<br>Basic- Rs. 65,000/-      | 22.10.2016      | Permanent            | Others                      |
| 5       | Subject Matter Specialist   | Mr.Sourav Halдар        | Subject Matter Specialist | Ag. Extension       | Level 10 (Rs. 56,100-1,77,500/-)<br>Basic- Rs. 65,000/-      | 26.10.2016      | Permanent            | Others                      |
| 6       | Subject Matter Specialist   | Vacant                  | Subject Matter Specialist | Fishery             | -  | -               | Vacant               | -                           |
| 7       | Subject Matter Specialist   | Vacant                  | Subject Matter Specialist | Animal Science      | -  | -               | Vacant               | -                           |
| 8       | Programme Assistant         | Mr.Tonmoy Sengupta      | Programme Assistant       | Soil Science        | Level 6 (Rs. 35,400-1,12,400/-)<br>Basic- Rs. 41,100/-       | 27.10.2016      | Permanent            | Others                      |
| 9       | Computer Programmer         | Mr. Susanta Kumar Nayak | Programme Assistant       | Computer Programmer | Level 6 (Rs. 35,400-1,12,400/-)<br>Basic- Rs. 46,200/-       | 02.07.2012      | Permanent            | Others                      |
| 10      | Farm Manager                | Vacant                  | Farm Manager              | -                   | -  | -               | Vacant               | -                           |
| 11      | Accountant / Superintendent | Mr. Somnath Sarkar      | OSA                       | -                   | Level 6 ( Rs. 35,400-1,12,400/-)<br>Basic- Rs. 39,900/-      | 09.03.2017      | Permanent            | Others                      |
| 12      | Stenographer                | Vacant                  | Stenographer              | -                   | -  | -               | Vacant               | -                           |
| 13.     | Driver                      | Mr. Manoj Pal           | Driver                    | -                   | Level 3 ( Rs. 21,700-69,100/-)<br>Basic-Rs. 26,000/-         | 18.04.2011      | Permanent            | OBC                         |
| 14.     | Driver                      | Mr. Chandra.S. Mandi    | Driver                    | -                   | Level 3 ( Rs. 21,700-69,100/-)<br>Basic-Rs. 26,000/-         | 18.04.2011      | Permanent            | ST                          |
| 15.     | Supporting staff            | Mr. Sundar Hansda       | Skill Supporting Staff    | -                   | Level 1 ( Rs. 18,000-56,900/-)<br>Basic- Rs. 21,500/-        | 16.02.2015      | Permanent            | ST                          |
| 16.     | Supporting staff            | Vacant                  | Skill Supporting Staff    | -                   | -  | -               | -                    | ST                          |



|     |                          |  |  |  |  |  |  |  |  |
|-----|--------------------------|--|--|--|--|--|--|--|--|
| 13. | Mushroom production unit |  |  |  |  |  |  |  |  |
| 14. | Shade house              |  |  |  |  |  |  |  |  |
| 15. | Soil test Lab            |  |  |  |  |  |  |  |  |
| 16. | Others, Please Specify   |  |  |  |  |  |  |  |  |
|     |                          |  |  |  |  |  |  |  |  |
|     |                          |  |  |  |  |  |  |  |  |

\* If not in use then since when and reason for non-use

#### B) Vehicles

| Type of vehicle    | Year of purchase | Cost (Rs.) | Total km. Run | Present status |
|--------------------|------------------|------------|---------------|----------------|
| WB-50D 9266 Bolero | 2021             | 793167.00  | 8268          | Running        |

#### C) Equipment & AV aids

| Name of equipment        | Year of purchase | Cost (Rs.) | Present status | Source of fund |
|--------------------------|------------------|------------|----------------|----------------|
| <b>a. Lab equipment</b>  |                  |            |                |                |
|                          |                  |            |                |                |
|                          |                  |            |                |                |
| <b>b. Farm machinery</b> |                  |            |                |                |
|                          |                  |            |                |                |
|                          |                  |            |                |                |
| <b>c. AV Aids</b>        |                  |            |                |                |
|                          |                  |            |                |                |
|                          |                  |            |                |                |



## 2.a. District level data on agriculture, livestock and farming situation (2021)

| Sl. No. | Item   | Information  |
|---------|--|--|
| 1       | Major Farming system/enterprise  | Rain-fed rice-based production system  |
| 2       | Agro-climatic Zone   |  |
| I.      | Red and Lateritic Zone<br>Blocks:<br>(Binpur- I, & II, Jamboni, Jhargram ,Gopiballavpur-I&II,Sankrail, Nayagram, Midnapur, Sankrail Kashiary, Khargapur-I &II,Salboni,Gorbeta-I &II, | The average rainfall of zone is 1200 mm (+ 236.14mm SD), 80% of rain fall received during (June-Sep) and temperature varies from 16-42 <sup>0</sup> C in peak winter and summer. There are two major group of soil viz, red and lateritic are found in this zone. The soil varies in depth and in cases shallow in nature. Due to undulating terrine the soil are highly eroded in nature. The soil fertility levels very poor with low N, P and K as well as organic content. The soils are coarse in texture, poor water retention capacity, and erosion prone and PH varies from 4.8-6.6.The rolling plane merged in to flat alluvial and delted plane to east and southeast of the district. The land is highest near Silda (130 mt. Above MSL). |
| II.     | Old Alluvial Zone<br>Blocks:<br>(Khargapur I &II,Narayangarh, Kashiary, Sabang, Mohanpur, Datan I & II, Debra, Pingla,Keshpur,Gorbeta II,Ghatal                                      | This zone is influenced by humid to sub-humid, sub-tropical monsoon climate. The mean annual rain fall is 1460mm of which 80% received from June to September. Flood and drought both are damage the crop in this zone. Soil of this area is yellowish to reddish yellow in colour and moderately well drain to somewhat poorly drain. The soil texture is mostly clayey hard when dry. Old alluvium fertile and acidic interaction having PH 5.8-7.2(specially blocks are Sabong, Pingla, Debra and to some part of Narayangarh)  |
| 3       | Agro ecological situation  |  |
| I.      | Rain-fed   | The average rainfall of zone is 1200 mm (+ 236.14mm SD), 80% of rain fall received during (June-Sep) and temperature varies from 16-42 <sup>0</sup> C in peak winter and summer. The 50% of the area is drought prone, 63% of the net cultivable area has been brought under irrigated<br>Cropping pattern:<br>i Rice-Potato-Sesamum<br>ii. Rice-mustard-Vegetable/Moong<br>iii. Rice-Rice-fallow<br>iv. Rice-groundnut-fallow<br>v. Matstick /Betelvine/flowers (perennial)<br>vi. Rice-red gram/black gram-fallow<br>vii. Rice-vegetable-vegetable   |
| 4       | Soil type  | Red and lateritic, Vindhya alluvial, Recent alluvial   |
| 5       | Productivity/Production of major 2-3 crops under cereals, pulses,  |  |

|      |  |                       |
|------|--|-----------------------|
|      | oilseeds, vegetables, fruits and others                          |                       |
|      | Crops  | Production (ton)/year |
| I.   | Cereals other than Maize   | 463127                |
| II.  | Pulses   | 3628                  |
| III. | Oilseeds (only Mustard)  | 19059                 |
| IV.  | Vegetables   | 96146                 |
| V.   | Potato   | 155970                |
| 6    | Mean yearly temperature, rainfall, humidity of the district      |                       |
| 7    | Production of major livestock products like milk, egg, meat etc. |                       |
|      | Products   | Production /year      |
| I.   | Milk   | 120995ton             |
| II.  | Egg  | 39564175              |
| III. | Meat   | 9345 MT               |

Note: Please give recent data only

#### 2.b. Details of operational area / villages (2021)

| Sl.No | Name of Taluk | Name of the block | Name of the village  | Major crops & enterprises  | Major Problems identified (crop wise)  | Identified Thrust Area   |
|-------|---------------|-------------------|--|--|--|--|
| 1     | Jhargram      | Jhargram          | Bandhgora, Jobnikata, Indraboni, Dakkhinasole, Nekradoba Pindra, Kechanda, Lalbag, Nuniakundri, Hadhadhi | Paddy, oilseeds, vegetables, Fruits and Livestock                    | Low yield of paddy, Sesamum, vegetables & Fruits   | Awareness about improved package & practices of Crop & Veg., Livestock and fish production for better return |
| 2     | Jhargram      | Binpur – I        | Palasi, Tikarampur, Choto Murgi, Jharia,   | Paddy, Potato, Oilseeds, Pulses, vegetables and Livestock            | Low yield of paddy, Potato, Sunflower, Sesamum, All major vegetables and Livestock       | Awareness about improved package & practices of Crop & Veg., Livestock                                       |
| 3     | Jhargram      | Binpur –II        | Kanko, Karatsole, Chuchada, Amlatora   | Paddy, Mustard, Sunflower, Sesamum, vegetables, fruits and Livestock | Low yield of paddy, Maize, Mustard, Sunflower, Sesamum, vegetables, fruits and Livestock | Awareness about improved package & practices of Crop & Veg., Livestock and Fish                              |

|   |          |                  |                                     |  |   |  |
|---|----------|------------------|-------------------------------------|--|---|--|
| 4 | Jhargram | Jamboni          | Tangia, Pipri, Harinagunj Parihati, | Paddy, Mustard, vegetables and Livestock | Low yield of paddy, Sesamum, Bittergourd, Bottlegourd, Fruits and Livestock | Awareness about improved package & practices of Crop & Veg., Fish      |
| 5 | Jhargram | Gopiballavpur-I  | Tikayetpur, Gopiballavpur,          | Paddy, Pulses, Groundnut and Livestock   | Lower yield of paddy, Oilseeds, vegetables and Livestock                    | Awareness about improved package & practices of Crop & Veg             |
| 6 | Jhargram | Gopiballavpur-II | Teghari                             | Paddy, Pulses, Groundnut and Livestock   | Low yield of paddy, Oilseeds, vegetables and Livestock                      | Awareness about improved package & practices of Crop & Veg             |
| 7 | Jhargram | Nayagram         | Chandabila, Nayagram                | Paddy, Mustard, vegetables and Livestock | Low yield of paddy, Oilseeds, vegetables and Livestock                      | Awareness about improved package & practices of Crop & Veg., Livestock |
| 8 | Jhargram | Sankrail         | Pratappur                           | Paddy, Mustard, vegetables and Livestock | Low yield of paddy, Oilseeds, vegetables and Livestock                      | Awareness about improved package & practices of Crop & Veg             |

2. c. Details of village adoption programme:

Name of the villages adopted by PC and SMS (2021) for its development and action plan

| Name of village | Block    | Activities taken up for development  |
|-----------------|----------|--|
| Bandhgora       | Jhargram | Training, Demonstration, Crop diversification, Strengthening of Farmers group and SHG, Fish seed production, Exposure Visit,   |
| Nekradoba       | Jhargram | Training, Demonstration, Crop diversification, Strengthening of Farmers Group, Fish seed production, Exposure Visit,   |
| Nuniakundri     | Jhargram | Training, Demonstration, Sunflower, Lentil, Mustard production, Formation of Farmers club, Intensification of Pisciculture in small pond, Off season vegetable cultivation, Exposure Visit etc.    |
| Palasi          | Jhargram | Training, Demonstration, Sunflower, Lentil, Mustard production, Formation of Farmers club, Intensification of Pisciculture in small pond, Off season vegetable cultivation, Exposure Visit etc.    |
| Tangia          | Jamboni  | Training, Demonstration, Crop diversification, Waste land management through Orchard development, pulse seed production through different projects, Formation of Farmers club, Exposure Visit etc. |
| Chuchada        | BinpurII | Training, Demonstration, , Oilseeds seed production through different projects, Formation of Farmers Group, Exposure Visit etc.  |
| Pindra          | Jhargram | Training, Demonstration, Crop diversification, , oilseeds seed production through different projects, Formation of Farmers Group and SHG, Exposure Visit etc.                                      |
| Tikarampur      | BinpurI  | Training, Demonstration, Bitterguard production , oil seed production through different projects, Formation of Farmers Group and SHG, Exposure Visit etc.  |

|           |          |   |
|-----------|----------|---|
| Jharia    | BinpurI  | Training, Demonstration, Crop diversification, , pulse seed production through different projects, Formation of Farmers Group and SHG, Exposure Visit etc.  |
| Karatsole | BinpurII | Training, Demonstration, , Formation of Farmers Group & SHG, Intensification of Pisciculture in small pond, Off season vegetable cultivation,paddy transplantig by transplanter machine, Exposure Visit and Krishi Mela etc |

### 2.1 Priority thrust areas

| S. No | Thrust area  |
|-------|--|
| 1.    | Adoption of suitable Agricultural technologies with respect to changing climate  |
| 2.    | Awareness about improved package & practices of Crop & Veg., Other Horticultural corps, Livestock production for better return |
| 3.    | Enhancement of seed replacement ratio  |
| 4.    | Awareness about IFS(Fish cum Veg, cum Livestock)   |
| 5.    | Soil Health Management   |
| 6.    | Promotion of Organic Farming   |
| 7.    | Judicious & Efficient Water Management   |
| 8.    | Popularization of Farm Mechanization   |
| 9.    | Women Empowerment  |
| 10.   | Formation of Grass root level Organization for Farming community   |
| 11.   | Skill Development Training for Rural Youth   |
| 12.   | Convergence of different Rural & Agricultural Development Programme of Govt., NARS & other stake holders                       |
| 13.   | Awareness about Pradhan Mantri Fasal Beema Yojana  |



| Livestock strains and fish fingerlings produced (in lakh)* |             | Soil, water, plant, manures samples tested (in lakh) |             |
|--|-------------|--|-------------|
| Target   | Achievement | Target   | Achievement |
|  |             |  |             |

\* Give no. only in case of fish fingerlings

| Publication by KVKs                 |        |                |   |  |   |  |   |
|-------------------------------------|--------|----------------|---|--|---|--|---|
| Item                                | Number | No. circulated | No. of Research papers in NAAS rated Journals | Highest NAAS rating of any publication | Average NAAS rating of the publications | Details of awarded publication, if any | Details of Award given to the publication |
| Research paper                      |        |                |   |  |   |  |   |
| Seminar/conference/ symposia papers |        |                |   |  |   |  |   |
| Books                               |        |                |   |  |   |  |   |
| Bulletins                           |        |                |   |  |   |  |   |
| News letter                         |        |                |   |  |   |  |   |
| Popular Articles                    |        |                |   |  |   |  |   |
| Book Chapter                        |        |                |   |  |   |  |   |
| Extension Pamphlets/ literature     | 6      | 18             |   |  |   |  |   |
| Technical reports                   | 12     |                |   |  |   |  |   |
| Electronic Publication (CD/DVD etc) |        |                |   |  |   |  |   |
| TOTAL                               |        |                |   |  |   |  |   |

## 1 Achievements on technologies assessed and refined

**OFT-1**

|    |  |   |
|----|--|---|
| 1. | Title of On Farm Trial   | Studies on the vegetative and yield characteristics of three Bittergourd varieties in the red and lateritic zone of Jhargram  |
| 2. | Problem diagnosed  | Low Yield   |
| 3. | Details of technologies selected for assessment/refinement<br>(Mention either Assessed or Refined) | <b>Treatments:</b><br><b>Farmers Practice (FP):</b> Cultivation of local variety<br><b>Technology option-I:</b> Cultivation of the variety - 76143<br><b>Technology option-II:</b> Cultivation of the variety - 78389<br><br><b>Technology option-III:</b> Cultivation of the variety - 78363 |
| 4. | Source of Technology (ICAR/<br>AICRP/SAU/other, please specify)                                    | Others (In collaboration with R&D department of VNR Seeds Pvt. Ltd)   |
| 5. | Production system and thematic area  | Cultivation of local variety<br><br>TA: Varietal Performance  |
| 6. | Performance of the Technology with performance indicators  | Crop is in the field  |
| 7. | Final recommendation for micro level situation   | --  |
| 8. | Constraints identified and feedback for research   | --  |
| 9. | Process of farmers participation and their reaction  | In consultative mode with Agriculture Department, Jamboni Block of Jhargram the farmers were contacted. Their fields were visited and selected for the trial.   |

*Thematic area:* Varietal Performance

Problem definition:

Technology assessed:

Table:

| Technology option   | No. of trials | Yield component               |                             |                          | Disease/ insect pest incidence (%) | Yield (q/ha) | Cost of cultivation (Rs./ha) | Gross return (Rs/ha) | Net return (Rs./ha) | BC ratio |
|---|---------------|-------------------------------|-----------------------------|--------------------------|------------------------------------|--------------|------------------------------|----------------------|---------------------|----------|
|   |               | No. of effective tillers/hill | No. of spikelet per panicle | Test wt. (100 grain wt.) |                                    |              |                              |                      |                     |          |
| <b>Farmers Practice (FP):</b><br>Cultivation of local variety       | 10            | --                            | --                          | --                       | --                                 | --           | --                           | --                   | --                  | --       |
| <b>Technology option-I:</b><br>Cultivation of the variety - 76143   | 10            | --                            | --                          | --                       | --                                 | --           | --                           | --                   | --                  | --       |
| <b>Technology option-II:</b><br>Cultivation of the variety - 78389  | 10            | --                            | --                          | --                       | --                                 | --           | --                           | --                   | --                  | --       |
| <b>Technology option-III:</b><br>Cultivation of the variety - 78363 | 10            | --                            | --                          | --                       | --                                 | --           | --                           | --                   | --                  | --       |

Results: Crop is in the field.

### 3.2 Achievements of Frontline Demonstrations

#### A. Details of FLDs conducted during the year

##### Cereals

| Sl. No. | Crop | Thematic area | Technology Demonstrated with detailed treatments | Area (ha) |        | No. of farmers/ demonstration |   |    |   |        |   | Reasons for shortfall in achievement |       |   |  |
|---------|------|---------------|--|-----------|--------|-------------------------------|---|----|---|--------|---|--------------------------------------|-------|---|--|
|         |      |               |  | Proposed  | Actual | SC                            |   | ST |   | Others |   |                                      | Total |   |  |
|         |      |               |  |           |        | M                             | F | M  | F | M      | F | M                                    | F     | T |  |
| 1.      |      |               |  |           |        |                               |   |    |   |        |   |                                      |       |   |  |
| 2.      |      |               |  |           |        |                               |   |    |   |        |   |                                      |       |   |  |
| 3.      |      |               |  |           |        |                               |   |    |   |        |   |                                      |       |   |  |
| 4.      |      |               |  |           |        |                               |   |    |   |        |   |                                      |       |   |  |

##### Details of farming situation

| Crop    | Season     | Farming situation (RF/Irrigated) | Soil type  | Status of soil (Kg/ha) |                               |                  | Previous crop | Sowing date | Harvest date | Seasonal rainfall (mm) | No. of rainy days |
|---------|------------|----------------------------------|------------|------------------------|-------------------------------|------------------|---------------|-------------|--------------|------------------------|-------------------|
|         |            |                                  |            | N                      | P <sub>2</sub> O <sub>5</sub> | K <sub>2</sub> O |               |             |              |                        |                   |
| Mustard | Rabi -2021 | Irrigated                        | Sandy Loam | Medium                 | Low                           | Low              | Paddy         | 08.02.2021  | 05.03.2021   |                        |                   |
|         |            |                                  |            |                        |                               |                  |               |             |              |                        |                   |
|         |            |                                  |            |                        |                               |                  |               |             |              |                        |                   |
|         |            |                                  |            |                        |                               |                  |               |             |              |                        |                   |

In both the Tables, information of same crop should be provided. For example, if in Table 3.2A crops are mentioned as a,b,c,d etc., in the table for Details of farming situation, the same crop should be mentioned in the identical sequence.

## Performance of FLD

Oilseeds:

## Frontline demonstrations on oilseed crops

| Crop           | Thematic Area             | Name of the Technology Demonstrated                   | No. of Farmers | Area (ha) | Yield (q/ha) |       | % Increase | *Economics of demonstration (Rs./ha) |              |            |        | *Economics of check (Rs./ha) |              |            |        |
|----------------|---------------------------|---|----------------|-----------|--------------|-------|------------|--------------------------------------|--------------|------------|--------|------------------------------|--------------|------------|--------|
|                |                           |   |                |           | Demo         | Check |            | Gross Cost                           | Gross Return | Net Return | ** BCR | Gross Cost                   | Gross Return | Net Return | ** BCR |
| <b>Mustard</b> | Disease & Pest Management | Control of Mustard Aphid. Application of insecticides | 112            | 15        | 14.8         | 10.6  | 39.62      | 34540/-                              | 74000/-      | 39460/-    | 2.14   | 31830/-                      | 53000/-      | 21170/-    | 1.67   |
| Total          |                           |   | 112            | 15        | 14.8         | 10.6  | 39.62      | 34540/-                              | 74000/-      | 39460/-    | 2.14   | 31830/-                      | 53000/-      | 21170/-    | 1.67   |

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

\*\* BCR= GROSS RETURN/GROSS COST

Pulses

## Frontline demonstration on pulse crops

| Crop | Thematic Area | Name of the technology demonstrated | No. of Farmers | Area (ha) | Yield (q/ha) |       | % Increase | *Economics of demonstration (Rs./ha) |              |            |        | *Economics of check (Rs./ha) |              |            |        |
|------|---------------|-------------------------------------|----------------|-----------|--------------|-------|------------|--------------------------------------|--------------|------------|--------|------------------------------|--------------|------------|--------|
|      |               |                                     |                |           | Demo         | Check |            | Gross Cost                           | Gross Return | Net Return | ** BCR | Gross Cost                   | Gross Return | Net Return | ** BCR |
|      |               |                                     |                |           |              |       |            |                                      |              |            |        |                              |              |            |        |
|      |               |                                     |                |           |              |       |            |                                      |              |            |        |                              |              |            |        |
|      | Total         |                                     |                |           |              |       |            |                                      |              |            |        |                              |              |            |        |

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

\*\* BCR= GROSS RETURN/GROSS COST



## Fisheries

| Category            | Thematic area | Name of the technology demonstrated | No. of Farmer | No. of units | Major parameters |       | % change in major parameter | Other parameter |       | *Economics of demonstration (Rs.) |              |            |        | *Economics of check (Rs.) |              |            |        |  |
|---------------------|---------------|-------------------------------------|---------------|--------------|------------------|-------|-----------------------------|-----------------|-------|-----------------------------------|--------------|------------|--------|---------------------------|--------------|------------|--------|--|
|                     |               |                                     |               |              | Demonstration    | Check |                             | Demonstration   | Check | Gross Cost                        | Gross Return | Net Return | ** BCR | Gross Cost                | Gross Return | Net Return | ** BCR |  |
| Common carps        |               |                                     |               |              |                  |       |                             |                 |       |                                   |              |            |        |                           |              |            |        |  |
| Mussels             |               |                                     |               |              |                  |       |                             |                 |       |                                   |              |            |        |                           |              |            |        |  |
| Ornamental fishes   |               |                                     |               |              |                  |       |                             |                 |       |                                   |              |            |        |                           |              |            |        |  |
| Others (pl.specify) |               |                                     |               |              |                  |       |                             |                 |       |                                   |              |            |        |                           |              |            |        |  |
| Total               |               |                                     |               |              |                  |       |                             |                 |       |                                   |              |            |        |                           |              |            |        |  |

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

\*\* BCR= GROSS RETURN/GROSS COST

## Other enterprises

| Category            | Name of the technology demonstrated | No. of Farmer | No. of units | Major parameters |       | % change in major parameter | Other parameter |       | *Economics of demonstration (Rs.) or Rs./unit |              |            |        | *Economics of check (Rs.) or Rs./unit |              |            |        |  |  |
|---------------------|-------------------------------------|---------------|--------------|------------------|-------|-----------------------------|-----------------|-------|---|--------------|------------|--------|---------------------------------------|--------------|------------|--------|--|--|
|                     |                                     |               |              | Demonstration    | Check |                             | Demonstration   | Check | Gross Cost                                    | Gross Return | Net Return | ** BCR | Gross Cost                            | Gross Return | Net Return | ** BCR |  |  |
| Oyster mushroom     | Enterprise development              |               |              |                  |       |                             |                 |       |   |              |            |        |                                       |              |            |        |  |  |
| Button mushroom     |                                     |               |              |                  |       |                             |                 |       |   |              |            |        |                                       |              |            |        |  |  |
| Vermicompost        |                                     |               |              |                  |       |                             |                 |       |   |              |            |        |                                       |              |            |        |  |  |
| Sericulture         |                                     |               |              |                  |       |                             |                 |       |   |              |            |        |                                       |              |            |        |  |  |
| Apiculture          |                                     |               |              |                  |       |                             |                 |       |   |              |            |        |                                       |              |            |        |  |  |
| Others (pl.specify) |                                     |               |              |                  |       |                             |                 |       |   |              |            |        |                                       |              |            |        |  |  |
| Total               |                                     |               |              |                  |       |                             |                 |       |   |              |            |        |                                       |              |            |        |  |  |

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

\*\* BCR= GROSS RETURN/GROSS COST







## Technical Feedback on the demonstrated technologies

| Sl. No | Crop    | Feed Back  |
|--------|---------|--|
| 1      | Mustard | Application of Imidachlorpid 17.8 % SL @ 0.4 ml. / lt. water effectively control the Aphid in mustard. |
|        |         |  |
|        |         |  |

## Extension and Training activities under FLD

| Sl. No. | Activity                             | Date       | No. of activities organized | Number of participants | Remarks  |
|---------|--------------------------------------|------------|-----------------------------|------------------------|--|
| 1.      | Field days                           | 07.01.21   | 1                           | 7                      | Farmers and farm women actively participated in the programme, discussion was made on the demonstrated technologies in vast, farmers came to know details of the technologies and agreed to apply the technologies in their practical field. |
| 1.      | Field days                           | 17.12.2021 | 1                           | 11                     | Farmers actively participated in the programme. Detailed discussion was done about the scientific cultural practices of Broccoli. Farmers agreed to apply the technologies in their field.   |
| 2.      | Farmers Training                     |            |                             |                        |  |
| 3.      | Media coverage                       |            |                             |                        |  |
| 4.      | Training for extension functionaries |            |                             |                        |  |



**E. Specific Characteristics of Technology and Performance**

| Specific Characteristic | Performance | Performance of Technology vis-a vis Local Check | Farmers Feedback |
|-------------------------|-------------|---|------------------|
|                         |             |   |                  |
|                         |             |   |                  |
|                         |             |   |                  |

**F. Extension activities under FLD conducted:**

| Sl. No. | Extension Activities organized | Date and place of activity | Number of farmer attended |
|---------|--------------------------------|----------------------------|---------------------------|
|         |                                |                            |                           |
|         |                                |                            |                           |
|         |                                |                            |                           |
|         |                                |                            |                           |
|         |                                |                            |                           |

**G. Sequential good quality photographs (as per crop stages i.e. growth & development)****H. Farmers' training photographs****I. Quality Action Photographs of field visits/field days and technology demonstrated.****J. Details of budget utilization**

| Crop (provide crop wise information ) | Items                                 | Budget Received (Rs.) | Budget Utilization (Rs.) | Balance (Rs.) |
|---------------------------------------|---------------------------------------|-----------------------|--------------------------|---------------|
|                                       | i) Critical input                     |                       |                          |               |
|                                       | ii) TA/DA/POL etc. for monitoring     |                       |                          |               |
|                                       | iii) Extension Activities (Field day) |                       |                          |               |
|                                       | iv) Publication of literature         |                       |                          |               |
|                                       | Total                                 |                       |                          |               |































| Thematic Area                                  | No. of Courses | No. of Participants |   |   |    |   |   |    |   |   | Grand Total |   |   |  |
|--|----------------|---------------------|---|---|----|---|---|----|---|---|-------------|---|---|--|
|  |                | Other               |   |   | SC |   |   | ST |   |   | M           | F | T |  |
|  |                | M                   | F | T | M  | F | T | M  | F | T |             |   |   |  |
| Low cost and nutrient efficient diet designing |                |                     |   |   |    |   |   |    |   |   |             |   |   |  |
| Group Dynamics and farmers organization        |                |                     |   |   |    |   |   |    |   |   |             |   |   |  |
| Information networking among farmers           |                |                     |   |   |    |   |   |    |   |   |             |   |   |  |
| Capacity building for ICT application          |                |                     |   |   |    |   |   |    |   |   |             |   |   |  |
| Management in farm animals                     |                |                     |   |   |    |   |   |    |   |   |             |   |   |  |
| Livestock feed and fodder production           |                |                     |   |   |    |   |   |    |   |   |             |   |   |  |
| Household food security                        |                |                     |   |   |    |   |   |    |   |   |             |   |   |  |
| Other  |                |                     |   |   |    |   |   |    |   |   |             |   |   |  |
| <b>Total</b>                                   |                |                     |   |   |    |   |   |    |   |   |             |   |   |  |

Please furnish the details of training programmes as Annexure in the proforma given below

| Discipline       | Clientele | Title of the training programme   | Duration in days | Venue (Off / On Campus) | Number of participants |        |       | Number of SC/ST |        |       |
|------------------|-----------|---|------------------|-------------------------|------------------------|--------|-------|-----------------|--------|-------|
|                  |           |   |                  |                         | Male                   | Female | Total | Male            | Female | Total |
| Agril.Engg       | PF/FW     | Rain water harvesting by enlarging ponds in watershed area                              | 2                | Off                     | 15                     | 0      | 15    | 7               | 0      | 7     |
| Plant Protection | PF/FW     | Management of insect pest and disease of Major oilseed & pulse crops                    | 1                | Off                     | 31                     | 4      | 35    | 1               | 0      | 1     |
| Agril.Extn       | PF/FW     | Benefits and application of organic fertilizer for better production of vegetables crop | 1                | On                      | 26                     | 0      | 26    | 22              | 0      | 22    |
| Agril.Extn       | PF/FW     | Improved package and practices of Boro Rice Cultivation                                 | 1                | Off                     | 24                     | 8      | 32    | 24              | 8      | 32    |
| Horticulture     | PF/FW     | Kitchen Garden Development  | 1                | Off                     | 10                     | 13     | 23    | 10              | 13     | 23    |
| Soil Science(LT) | PF/FW     | Improved package and practices of Groundnut Cultivation                                 | 1                | On                      | 14                     | 0      | 14    | 14              | 0      | 14    |
| Soil Science(LT) | PF/FW     | Improved package and practices of Oilseed Cultivation                                   | 1                | Off                     | 31                     | 2      | 33    | 31              | 2      | 33    |
| Horticulture     | PF/FW     | Application of PGRs in fruit and vegetable crops  | 1                | Off                     | 15                     | 10     | 25    | 15              | 10     | 25    |

|                  |       |   |   |     |    |    |    |    |    |    |
|------------------|-------|---|---|-----|----|----|----|----|----|----|
| Horticulture     | PF/FW | Efficient use of water through micro irrigation for veg cultivation                                   | 1 | Off | 12 | 20 | 32 | 6  | 16 | 22 |
| Soil Science(LT) | PF/FW | Vermi Compost Production & Nursery Management   | 5 | On  | 0  | 33 | 33 | 0  | 16 | 16 |
| Plant Protection | PF/FW | Improved package and practices of Boro Rice Cultivation   | 1 | Off | 30 | 0  | 30 | 7  | 0  | 7  |
| Agril.Extn       | PF/FW | Formation of "Farmers Interest Group" for better operation of agriculture & allied activities         | 1 | Off | 17 | 0  | 17 | 4  | 0  | 4  |
| Plant Protection | PF/FW | Management of Insect, Pest & Disease of Aman Paddy.   | 1 | Off | 53 | 2  | 55 | 8  | 1  | 9  |
| Horticulture     | PF/FW | Pond Dyke Vegetable Cultivation   | 1 | Off | 9  | 0  | 9  | 0  | 0  | 0  |
| Plant Protection | PF/FW | Management of insect pest and disease of major cucurbits grown in the dist.                           | 1 | Off | 42 | 7  | 49 | 42 | 7  | 49 |
| Soil Science(LT) | PF/FW | Judicious use of fertilizer in <i>kharif</i> paddy  | 1 | Off | 21 | 0  | 21 | 0  | 0  | 0  |
| Agril.Engg       | PF/FW | Orientation Training Programme on Drudgery Reduction Gender friendly tools ,equipment and Machineries | 1 | Off | 20 | 1  | 21 | 17 | 1  | 18 |
| Plant Protection | PF/FW | Integrated pest Management of summer crop.  | 1 | Off | 14 | 10 | 24 | 14 | 10 | 24 |
| Agril.Engg       | PF/FW | Use and Maintenance of Paddy Production Machineries   | 1 | Off | 16 | 16 | 32 | 16 | 16 | 32 |
| Horticulture     | PF/FW | Organic Farming   | 1 | Off | 11 | 0  | 11 | 0  | 0  | 0  |
| Soil Science(LT) | PF/FW | Judicious nutrient management in Vegetable Cultivation  | 1 | Off | 15 | 0  | 15 | 0  | 0  | 0  |

|                  |       |   |   |     |    |    |    |    |    |    |
|------------------|-------|---|---|-----|----|----|----|----|----|----|
| Horticulture     | PF/FW | Vermicompost and Nursery Management   | 2 | Off | 0  | 20 | 20 | 0  | 0  | 0  |
| Agril.Extn       | PF/FW | Selection of climate resilient agriculture technologies and crop varieties and their cultivation technique.       | 1 | Off | 19 | 21 | 40 | 16 | 19 | 35 |
| Agril.Extn       | PF/FW | Capacity building of FPCS for better operation and management   | 1 | Off | 4  | 23 | 27 | 0  | 9  | 9  |
| Soil Science(LT) | PF/FW | Soil preparation for orchard development  | 1 | On  | 11 | 0  | 11 | 6  | 0  | 6  |
| Plant Protection | PF/FW | Management of insect pest and disease of Bitter Guard.  | 1 | Off | 36 | 0  | 36 | 2  | 0  | 2  |
| Horticulture     | PF/FW | Development of Mango orchard intercropped with vegetables   | 1 | Off | 0  | 30 | 30 | 0  | 30 | 30 |
| Agril.Engg       | PF/FW | Orientation and motivation training on land husbandry practices for mitigating risk on livelihood through orchard | 1 | Off | 0  | 19 | 19 | 0  | 19 | 19 |
| Agril.Extn       | PF/FW | Training on package of practices of mustard cultivation cum Input distribution                                    | 1 | Off | 10 | 3  | 13 | 10 | 3  | 13 |
| Soil Science(LT) | PF/FW | Judicious use of fertilizer on <i>rabi</i> vegetables   | 1 | Off | 9  | 4  | 13 | 9  | 4  | 13 |
| Agril.Extn       | PF/FW | Training on Awareness on different Central and State Govt. Agricultural Schemes                                   | 1 | Off | 17 | 0  | 17 | 2  | 0  | 2  |
| Plant Protection | PF/FW | Management of insect pest and Disease of Boro Paddy.  | 1 | Off | 41 | 0  | 41 | 0  | 0  | 0  |







|   |          |           |           |           |           |           |           |           |           |           |            |           |            |
|---|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|
| Soil health and fertility management              | 1        | 8         | 0         | 8         | 3         | 0         | 3         | 4         | 0         | 4         | 15         | 0         | 15         |
| Production of Inputs at site                      | 1        | 0         | 17        | 17        | 0         | 3         | 3         | 0         | 13        | 13        | 0          | 33        | 33         |
| Methods of protective cultivation                 |          |           |           |           |           |           |           |           |           |           |            |           |            |
| Other   | 2        | 0         | 0         | 0         | 14        | 0         | 14        | 31        | 2         | 33        | 45         | 2         | 47         |
| <b>Total</b>                                      | <b>6</b> | <b>37</b> | <b>21</b> | <b>58</b> | <b>24</b> | <b>12</b> | <b>36</b> | <b>41</b> | <b>22</b> | <b>63</b> | <b>102</b> | <b>55</b> | <b>157</b> |
| <b>Post harvest technology and value addition</b> |          |           |           |           |           |           |           |           |           |           |            |           |            |
| Processing and value addition                     |          |           |           |           |           |           |           |           |           |           |            |           |            |
| Other   |          |           |           |           |           |           |           |           |           |           |            |           |            |
| <b>Total</b>                                      |          |           |           |           |           |           |           |           |           |           |            |           |            |
| <b>Farm machinery</b>                             |          |           |           |           |           |           |           |           |           |           |            |           |            |
| Farm machinery, tools and implements              |          |           |           |           |           |           |           |           |           |           |            |           |            |
| Other   |          |           |           |           |           |           |           |           |           |           |            |           |            |
| <b>Total</b>                                      |          |           |           |           |           |           |           |           |           |           |            |           |            |
| <b>Livestock and fisheries</b>                    |          |           |           |           |           |           |           |           |           |           |            |           |            |
| Livestock production and management               |          |           |           |           |           |           |           |           |           |           |            |           |            |
| Animal Nutrition Management                       |          |           |           |           |           |           |           |           |           |           |            |           |            |
| Animal Disease Management                         |          |           |           |           |           |           |           |           |           |           |            |           |            |
| Fisheries Nutrition                               |          |           |           |           |           |           |           |           |           |           |            |           |            |
| Fisheries Management                              |          |           |           |           |           |           |           |           |           |           |            |           |            |
| Other   |          |           |           |           |           |           |           |           |           |           |            |           |            |
| <b>Total</b>                                      |          |           |           |           |           |           |           |           |           |           |            |           |            |
| <b>Home Science</b>                               |          |           |           |           |           |           |           |           |           |           |            |           |            |
| Household nutritional security                    |          |           |           |           |           |           |           |           |           |           |            |           |            |
| Economic empowerment of women                     |          |           |           |           |           |           |           |           |           |           |            |           |            |
| Drudgery reduction of women                       |          |           |           |           |           |           |           |           |           |           |            |           |            |
| Other   |          |           |           |           |           |           |           |           |           |           |            |           |            |
| <b>Total</b>                                      |          |           |           |           |           |           |           |           |           |           |            |           |            |
| <b>Agricultural Extension</b>                     |          |           |           |           |           |           |           |           |           |           |            |           |            |
| Capacity Building and Group Dynamics              |          |           |           |           |           |           |           |           |           |           |            |           |            |
| Other   |          |           |           |           |           |           |           |           |           |           |            |           |            |
| <b>Total</b>                                      |          |           |           |           |           |           |           |           |           |           |            |           |            |
| <b>Grant Total</b>                                | <b>6</b> | <b>37</b> | <b>21</b> | <b>58</b> | <b>24</b> | <b>12</b> | <b>36</b> | <b>41</b> | <b>22</b> | <b>63</b> | <b>102</b> | <b>55</b> | <b>157</b> |

## 3.4. A. Extension Activities (including activities of FLD programmes)

| Nature of Extension Activity            | No. of activities | Farmers     |            |             |                    | Extension Officials |           |           | Total       |            |             |
|---|-------------------|-------------|------------|-------------|--------------------|---------------------|-----------|-----------|-------------|------------|-------------|
|   |                   | M           | F          | T           | SC/ST (% of total) | Male                | Female    | Total     | Male        | Female     | Total       |
| Field Day                               | 2                 | 16          | 2          | 18          | 29                 | 1                   | 1         | 2         | 17          | 3          | 20          |
| Kisan Mela                              |                   |             |            |             |                    |                     |           |           |             |            |             |
| Kisan Ghosthi                           |                   |             |            |             |                    |                     |           |           |             |            |             |
| Exhibition                              |                   |             |            |             |                    |                     |           |           |             |            |             |
| Film Show                               | 1                 | 8           | 24         | 32          | 62                 | 2                   | 1         | 3         | 10          | 25         | 35          |
| Method Demonstrations                   | 1                 | 112         | 0          | 112         | 72                 | 2                   | 0         | 2         | 114         | 0          | 114         |
| Farmers Seminar                         |                   |             |            |             |                    |                     |           |           |             |            |             |
| Workshop                                |                   |             |            |             |                    |                     |           |           |             |            |             |
| Group meetings                          | 3                 | 41          | 12         | 53          | 64                 | 4                   | 0         | 4         | 45          | 12         | 57          |
| Lectures delivered as resource persons  | 5                 | 68          | 21         | 89          | 53                 | 5                   | 1         | 6         | 73          | 22         | 95          |
| Advisory Services                       | 12                | 28          | 10         | 38          | 45                 | 8                   | 4         | 12        | 36          | 14         | 50          |
| Scientific visit to farmers field       | 69                | 358         | 45         | 403         | 56                 | 6                   | 1         | 7         | 364         | 46         | 410         |
| Farmers visit to KVK                    | 149               | 817         | 26         | 843         | 42                 | 1                   | 0         | 1         | 818         | 26         | 844         |
| Diagnostic visits                       | 80                | 154         | 28         | 182         | 61                 | 1                   | 1         | 2         | 155         | 29         | 184         |
| Exposure visits                         | 1                 | 25          | 8          | 33          | 31                 | 2                   | 0         | 2         | 27          | 8          | 35          |
| Ex-trainees Sammelan                    |                   |             |            |             |                    |                     |           |           |             |            |             |
| Soil health Camp                        |                   |             |            |             |                    |                     |           |           |             |            |             |
| Animal Health Camp                      |                   |             |            |             |                    |                     |           |           |             |            |             |
| Agri mobile clinic                      |                   |             |            |             |                    |                     |           |           |             |            |             |
| Soil test campaigns                     |                   |             |            |             |                    |                     |           |           |             |            |             |
| Farm Science Club Conveners meet        | 2                 | 34          | 2          | 36          | 28                 | 2                   | 0         | 2         | 36          | 2          | 38          |
| Self Help Group Conveners meetings      | 2                 | 2           | 41         | 43          | 34                 | 2                   | 1         | 3         | 4           | 42         | 46          |
| Mahila Mandals Conveners meetings       |                   |             |            |             |                    |                     |           |           |             |            |             |
| Celebration of important days (specify) | 8                 | 35          | 21         | 56          | 18                 | 5                   | 1         | 6         | 40          | 22         | 62          |
| Sankalp Se Siddhi                       |                   |             |            |             |                    |                     |           |           |             |            |             |
| Swatchta Hi Sewa                        | 5                 | 39          | 12         | 51          | 25                 | 3                   | 0         | 3         | 42          | 12         | 54          |
| Mahila Kisan Divas                      |                   |             |            |             |                    |                     |           |           |             |            |             |
| Any Other (Specify)                     |                   |             |            |             |                    |                     |           |           |             |            |             |
| <b>Total</b>                            | <b>340</b>        | <b>1737</b> | <b>252</b> | <b>1989</b> | <b>620</b>         | <b>44</b>           | <b>11</b> | <b>55</b> | <b>1781</b> | <b>263</b> | <b>2044</b> |





## Production of livestock materials

| Particulars of Live stock | Name of the breed | Number | Value (Rs.) | No. of Farmers benefitted |   |    |   |       |   |       |   |
|---------------------------|-------------------|--------|-------------|---------------------------|---|----|---|-------|---|-------|---|
|                           |                   |        |             | SC                        |   | ST |   | Other |   | Total |   |
|                           |                   |        |             | M                         | F | M  | F | M     | F | M     | F |
| <b>Dairy animals</b>      |                   |        |             |                           |   |    |   |       |   |       |   |
| Cows                      |                   |        |             |                           |   |    |   |       |   |       |   |
| Buffaloes                 |                   |        |             |                           |   |    |   |       |   |       |   |
| Calves                    |                   |        |             |                           |   |    |   |       |   |       |   |
| Others (Pl. specify)      |                   |        |             |                           |   |    |   |       |   |       |   |
| <b>Small ruminants</b>    |                   |        |             |                           |   |    |   |       |   |       |   |
| Sheep                     |                   |        |             |                           |   |    |   |       |   |       |   |
| Goat                      |                   |        |             |                           |   |    |   |       |   |       |   |
| Other, please specify     |                   |        |             |                           |   |    |   |       |   |       |   |
| <b>Poultry</b>            |                   |        |             |                           |   |    |   |       |   |       |   |
| Broilers                  |                   |        |             |                           |   |    |   |       |   |       |   |
| Layers                    |                   |        |             |                           |   |    |   |       |   |       |   |
| Duals (broiler and layer) |                   |        |             |                           |   |    |   |       |   |       |   |
| Japanese Quail            |                   |        |             |                           |   |    |   |       |   |       |   |
| Turkey                    |                   |        |             |                           |   |    |   |       |   |       |   |
| Emu                       |                   |        |             |                           |   |    |   |       |   |       |   |
| Ducks                     |                   |        |             |                           |   |    |   |       |   |       |   |
| Others (Pl. specify)      |                   |        |             |                           |   |    |   |       |   |       |   |
| <b>Piggery</b>            |                   |        |             |                           |   |    |   |       |   |       |   |
| Piglet                    |                   |        |             |                           |   |    |   |       |   |       |   |
| Hog                       |                   |        |             |                           |   |    |   |       |   |       |   |
| Others (Pl. specify)      |                   |        |             |                           |   |    |   |       |   |       |   |
| <b>Fisheries</b>          |                   |        |             |                           |   |    |   |       |   |       |   |
| Indian carp               |                   |        |             |                           |   |    |   |       |   |       |   |
| Exotic carp               |                   |        |             |                           |   |    |   |       |   |       |   |
| Mixed carp                |                   |        |             |                           |   |    |   |       |   |       |   |
| Fish fingerlings          |                   |        |             |                           |   |    |   |       |   |       |   |
| Spawn                     |                   |        |             |                           |   |    |   |       |   |       |   |
| Others (Pl. specify)      |                   |        |             |                           |   |    |   |       |   |       |   |
| <b>Grand Total</b>        |                   |        |             |                           |   |    |   |       |   |       |   |

**3.5. b. Seed Hub Programme-“Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India”**

i) Name of Seed Hub Centre:

|                         |  |
|-------------------------|--|
| Name of Nodal Officer : |  |
| Address :               |  |
| e-mail :                |  |
| Phone No. :             |  |
| Mobile :                |  |

## ii) Quality Seed Production Reports

| Season             | Crop | Variety | Production (q) |                |            |                             |
|--------------------|------|---------|----------------|----------------|------------|-----------------------------|
|                    |      |         | Target         | Area sown (ha) | Production | Category of Seed (F/S, C/S) |
| Kharif 2020        |      |         |                |                |            |                             |
|                    |      |         |                |                |            |                             |
| Rabi 2020-21       |      |         |                |                |            |                             |
|                    |      |         |                |                |            |                             |
| Summer/Spring 2021 |      |         |                |                |            |                             |
| Kharif 2021        |      |         |                |                |            |                             |
| Rabi 2021-2022     |      |         |                |                |            |                             |

## iii) Financial Progress

| Fund received<br>(2017-18, 2018-19, 2019-20, 2020-21, 2021-22) | Expenditure (Rs. in lakh) |                | Unspent balance<br>(Rs. in lakhs) | Remarks |
|--|---------------------------|----------------|-----------------------------------|---------|
|  | Infrastructure            | Revolving fund |                                   |         |
| 2017-18  |                           |                |                                   |         |
| 2018-19  |                           |                |                                   |         |
| 2019-20  |                           |                |                                   |         |
| 2020-2021  |                           |                |                                   |         |
| 2021-2022  |                           |                |                                   |         |

## iv) Infrastructure Development

| Item                   | Progress |
|------------------------|----------|
| Seed processing unit   |          |
| Seed storage structure |          |

## 3.6. (A) Literature Developed/Published (with full title, author &amp; reference)

| Item                                      | Title | Author's name | Number | Circulation |
|---|-------|---------------|--------|-------------|
| Research paper                            |       |               |        |             |
| Seminar/conference/<br>symposia papers    |       |               |        |             |
| Books                                     |       |               |        |             |
| Bulletins                                 |       |               |        |             |
| News letter                               |       |               |        |             |
| Popular Articles                          |       |               |        |             |
| Book Chapter                              |       |               |        |             |
| Extension<br>Pamphlets/ literature        |       |               |        |             |
| Technical reports                         |       |               |        |             |
| Electronic<br>Publication<br>(CD/DVD etc) |       |               |        |             |
| TOTAL                                     |       |               |        |             |

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

(B) Details of HRD programmes undergone by KVK personnel:

| Sl. No. | Name of programme               | Name of course   | Name of KVK personnel and designation                                       | Date and Duration                            | Organized by |
|---------|---------------------------------|--|---|--|--------------|
| 1.      | HRD Training Programme          | Novel pragmatic Approaches to Crop Improvement ,Production and Management          | Dr. S. Das (SMS, Horticulture)  | 22-24 March, 2021                            | DEE, BCKV    |
| 2.      | Workshop cum training programme | Transfer of Ready-to-use & Farmers' Friendly Technologies development by BCKV      | Mr. S. N. Singh (SMS, Agril. Engineering)<br>Dr. S. Das (SMS, Horticulture) | 29 <sup>th</sup> Sept to 1 <sup>st</sup> Oct | DEE, BCKV    |
| 3.      | HRD Training Programme          | Scientific Agri – Horticultural Practices to augment the income from small farming | Dr. S. Das (SMS, Horticulture)  | 07-09 December, 2021                         | DREF, WBUAFS |

3.7. Success stories/Case studies, if any (two or three pages write-up on 1-2best case(s) with suitable action photographs)

|  |  |
|--|--|
| Name of farmer                               |  |
| Address                                      |  |
| Contact details (Phone, mobile, email Id)    |  |
| Landholding (in ha.)                         |  |
| Name and description of the farm/ enterprise |  |
| Economic impact                              |  |
| Social impact                                |  |
| Environmental impact                         |  |
| Horizontal/ Vertical spread                  |  |

3.8. Give details of innovative methodology or innovative technology of Transfer of Technology developed and used during the year

| Sl. No. | Name/ Title of the technology | Name/ Details of the Innovator(s) | Brief details of the Innovative Technology |
|---------|-------------------------------|-----------------------------------|--|
|         |                               |                                   |  |

3.9. a. 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)

| Sl. No. | Crop / Enterprise | ITK Practiced | Purpose of ITK |
|---------|-------------------|---------------|----------------|
|         |                   |               |                |

## b. Give details of organic farming practiced by the farmer

| Sl. No. | Crop / Enterprise | Area (ha)/ No. covered | Production | No. of farmers involved | Market available (Y/N) |
|---------|-------------------|------------------------|------------|-------------------------|------------------------|
|         |                   |                        |            |                         |                        |

## 3.10. Indicate the specific training need analysis tools/methodology followed by KVKs

| Sl. No. | Brief details of the tool/ methodology followed | Purpose for which the tool was followed |
|---------|---|---|
|         |   |   |

## 3.11. a. Details of equipment available in Soil and Water Testing Laboratory

| Sl. No | Name of the Equipment | Qty. |
|--------|-----------------------|------|
|        |                       |      |
|        |                       |      |
|        |                       |      |

## 3.11.b. Details of samples analyzed so far :

| Number of soil samples analyzed    |                                 |       | No. of Farmers | No. of Villages | Amount realized (in Rs.) |
|------------------------------------|---------------------------------|-------|----------------|-----------------|--------------------------|
| Through mini soil testing kit/labs | Through soil testing laboratory | Total |                |                 |                          |
| -                                  | 19                              | 19    | 28             | 8               | -                        |
|                                    |                                 |       |                |                 |                          |

## 3.11.c. Details on World Soil Day

| Sl. No. | Activity       | No. of Participants | No. of VIPs | Name (s) of VIP(s) | Number of Soil Health Cards distributed | No. of farmers benefitted |
|---------|----------------|---------------------|-------------|--------------------|---|---------------------------|
| 1       | World Soil Day | 20                  | -           | -                  | -                                       | 15                        |

## 3.12. Activities of rain water harvesting structure and micro irrigation system

| No of training programme | No of demonstrations | No of plant material produced | Visit by the farmers | Visit by the officials |
|--------------------------|----------------------|-------------------------------|----------------------|------------------------|
|                          |                      |                               |                      |                        |

## 3.13. Technology week celebration

| Type of activities | No. of activities | Number of participants | Related crop/livestock technology |
|--------------------|-------------------|------------------------|-----------------------------------|
|                    |                   |                        |                                   |

## 3.14. RAWE/ FET programme - is KVK involved? (Y/N)

|                       |                   |
|-----------------------|-------------------|
| No of student trained | No of days stayed |
|                       |                   |

|                      |                   |
|----------------------|-------------------|
| ARS trainees trained | No of days stayed |
|                      |                   |

## 3.15. List of VIP visitors (Minister/ MP/MLA/DM/VC/Zila Sabhadipati/Other Head of Organization/Foreigners)

| Date     | Name of the person                      | Purpose of visit |
|----------|---|------------------|
| 11.09.21 | Dr. Bikash Singha Mahapatra,<br>VC,BCKV | Visit to KVK     |
| 11.09.21 | Babulal Mahata<br>SDO,Jhargram          | Visit to KVK     |
| 11.09.21 | Prof. Umesh Thapa<br>DEE, BCKV          | Visit to KVK     |
| 17.12.21 | Prof. Umesh Thapa<br>DEE, BCKV          | Visit to KVK     |
| 22.11.21 | Prof. Dr.Sudhibrata Mitra,<br>DF,BCKV   | Visit to KVK     |

## 4. IMPACT

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

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

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

## 4.2. Cases of large scale adoption

(Please furnish detailed information for each case)

| Horizontal spread of technologies |                   |
|-----------------------------------|-------------------|
| Technology                        | Horizontal spread |
|                                   |                   |
|                                   |                   |

Give information in the same format as in case studies

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

| Sl. No. | Brief details of technology | Impact of the technology in subjective terms | Impact of the technology in objective terms |
|---------|-----------------------------|--|---|
|         |                             |  |   |

## 4.4. Details of innovations recorded by the KVK

|                                 |  |
|---------------------------------|--|
| Thematic area                   |  |
| Name of the Innovation          |  |
| Details of Innovator            |  |
| Back ground of innovation       |  |
| Technology details              |  |
| Practical utility of innovation |  |

## 4.5. Details of entrepreneurship development

|   |  |
|---|--|
| Entrepreneurship development  |  |
| Name of the enterprise  |  |
| Name & complete address of the entrepreneur   |  |
| Role of KVK with quantitative data support:   |  |
| Timeline of the entrepreneurship development  |  |
| Technical Components of the Enterprise  |  |
| Status of entrepreneur before and after the enterprise  |  |
| Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. ( Economic viability of the enterprise): |  |
| Horizontal spread of enterprise   |  |

## 4.6. Any other initiative taken by the KVK

## 5. LINKAGES

## 5.1. Functional linkage with different organizations

| Name of organization   | Nature of linkage   |
|--|---|
| Director of Agriculture, Paschim Medinipur, ATMA                             | Conducting training, demonstration, farmers scientist interaction, exposure visit, leaflet preparation and organizing Krishi Mela |
| Director of Agriculture, Jhargram, ATMA                                      | Conducting training, demonstration, farmers scientist interaction, exposure visit, leaflet preparation and organizing Krishi Mela |
| RRS, BCKV, Jhargram  | Diagnostic Service, OPP/PPP, OFT - Technical Support  |
| NSC, Midnapore   | Seed Production Programme of Mustard & Paddy  |
| BDO, Jamboni   | Collaborative Training Support  |
| NBSS, LUP, Kolkata   | Training as well as land use information support  |
| Directorate of Food Processing Industry & Horticulture, Govt. of West Bengal | Collaborative Training Support  |
| Directorate of Fisheries   | Collaborative Demonstration Programme, Infrastructure dev.  |
| Directorate of MSME  | Collaborative project of Aromatic Plant   |
| ICRISAT, Pattancheru, Hyderabad  | Collaborative Demonstration Programme   |
| CIFRI, Barackpur, W.B.   | Technical support on Fiber Glass Hatchery   |
| NIRJAFT, Kolkata   | Training and Demonstration  |
| NABARD, Kolkata  | Collaborative Programme   |
| MGNREGA, Medinipur   | Collaborative Programme   |
| NYK, Medinipur   | Training Programmes   |
| MANAGE, Hyderabad  | DAESI course programme.   |
| SAMETI, Narendrapur, West Bengal   | Training Programmes   |
| PPV & FR, New Delhi  | Training Programmes   |

5.2. List of special programmes undertaken during 2021 by the KVK, which have been financed by ATMA/ Central Govt/ State Govt./NABARD/NHM/NFDB/Other Agencies (**information of previous years should not be provided**)

a) Programmes for infrastructure development

| Name of the programme/scheme | Purpose of programme | Date/ Month of initiation | Funding agency | Amount (Rs.) |
|------------------------------|----------------------|---------------------------|----------------|--------------|
|                              |                      |                           |                |              |

(b) Programme for other activities (training, FLD,OFT, Mela, Exhibition etc.)

| Name of the programme/scheme | Purpose of programme | Date/ Month of initiation | Funding agency | Amount (Rs.) |
|------------------------------|----------------------|---------------------------|----------------|--------------|
|                              |                      |                           |                |              |

## 6. PERFORMANCE OF INFRASTRUCTURE IN KVK

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

| Sl. No. | Name of demo Unit | Year of estt. | Area(Sq.mt) | Details of production |         |      | Amount (Rs.)   |              | Remarks |
|---------|-------------------|---------------|-------------|-----------------------|---------|------|----------------|--------------|---------|
|         |                   |               |             | Variety/breed         | Produce | Qty. | Cost of inputs | Gross income |         |
| 1.      |                   |               |             |                       |         |      |                |              |         |
| 2.      |                   |               |             |                       |         |      |                |              |         |
| 3.      |                   |               |             |                       |         |      |                |              |         |
| 4.      |                   |               |             |                       |         |      |                |              |         |
| 5.      |                   |               |             |                       |         |      |                |              |         |
| 6.      |                   |               |             |                       |         |      |                |              |         |
| 7.      |                   |               |             |                       |         |      |                |              |         |
|         | Total             |               |             |                       |         |      |                |              |         |

6.2. Performance of Instructional Farm (Crops)

| Name Of the crop | Date of sowing | Date of harvest | Area (ha) | Details of production |                 |         | Amount (Rs.)   |              | Remarks |
|------------------|----------------|-----------------|-----------|-----------------------|-----------------|---------|----------------|--------------|---------|
|                  |                |                 |           | Variety               | Type of Produce | Qty.(q) | Cost of inputs | Gross income |         |
|                  |                |                 |           |                       |                 |         |                |              |         |
|                  |                |                 |           |                       |                 |         |                |              |         |
|                  |                |                 |           |                       |                 |         |                |              |         |
|                  |                |                 |           |                       |                 |         |                |              |         |
|                  |                |                 |           |                       |                 |         |                |              |         |
|                  |                |                 |           |                       |                 |         |                |              |         |
|                  |                |                 |           |                       |                 |         |                |              |         |
|                  |                |                 |           |                       |                 |         |                |              |         |
|                  |                |                 |           |                       |                 |         |                |              |         |
|                  |                |                 |           |                       |                 |         |                |              |         |

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

| Sl. No. | Name of the Product | Qty. (Kg) | Amount (Rs.)   |              | Remarks |
|---------|---------------------|-----------|----------------|--------------|---------|
|         |                     |           | Cost of inputs | Gross income |         |
| 1.      |                     |           |                |              |         |
|         |                     |           |                |              |         |

## 6.4. Performance of instructional farm (livestock and fisheries production)

| Sl. No | Name of the animal / bird / aquatics | Details of production |                 |      | Amount (Rs.)   |              | Remarks |
|--------|--------------------------------------|-----------------------|-----------------|------|----------------|--------------|---------|
|        |                                      | Breed                 | Type of Produce | Qty. | Cost of inputs | Gross income |         |
| 1.     |                                      |                       |                 |      |                |              |         |
| 2.     |                                      |                       |                 |      |                |              |         |
| 3.     |                                      |                       |                 |      |                |              |         |

## 6.5. Utilization of hostel facilities

Accommodation available (No. of beds)

| Months  | No. of trainees stayed | Trainee days (days stayed) | Reason for short fall (if any) |
|---------|------------------------|----------------------------|--------------------------------|
|         |                        |                            |                                |
|         |                        |                            |                                |
|         |                        |                            |                                |
| Total : |                        |                            |                                |

(For whole of the year)

## 6.6. Utilization of staff quarters

Whether staff quarters has been completed:

No. of staffquarters:

Date of completion:

Occupancy details:

| Months | Q I | Q II | Q III | Q IV | Q V | Q VI |
|--------|-----|------|-------|------|-----|------|
|        |     |      |       |      |     |      |
|        |     |      |       |      |     |      |
|        |     |      |       |      |     |      |
|        |     |      |       |      |     |      |

7. FINANCIAL PERFORMANCE

## 7.1. Details of KVK Bank accounts

| Bank account | Name of the bank | Location | Account Number |
|--------------|------------------|----------|----------------|
|              |                  |          |                |
|              |                  |          |                |

## 7.2. Utilization of funds under CFLD on Oilseed (Rs. In Lakhs)

| Item | Released by ICAR |      | Expenditure |      | Unspent balance as on 1 <sup>st</sup> April, 2021 |
|------|------------------|------|-------------|------|---|
|      | Kharif           | Rabi | Kharif      | Rabi |   |
|      |                  |      |             |      |   |
|      |                  |      |             |      |   |
|      |                  |      |             |      |   |

## 7.3. Utilization of funds under CFLD on Pulses (Rs. In Lakhs)

| Item | Released by ICAR |      | Expenditure |      | Unspent balance as on 1 <sup>st</sup> April 2021 |
|------|------------------|------|-------------|------|--|
|      | Kharif           | Rabi | Kharif      | Rabi |  |
|      |                  |      |             |      |  |
|      |                  |      |             |      |  |

## 2019.5. Utilization of KVK funds during the year 2021-22(Not audited)

| Sl. No.                               | Particulars                         | Sanctioned            | Released (from 01.04.21 – 31.12.21) | Expenditure           |
|---------------------------------------|-------------------------------------|-----------------------|-------------------------------------|-----------------------|
| <b>A. Recurring Contingencies</b>     |                                     |                       |                                     |                       |
| 1                                     | Pay & Allowances                    | 1,16,00,000.00        | 99,00,000.00                        | 84,09,644.00          |
| 2                                     | Traveling allowances                | 1,00,000.00           | 2,60,000.00                         | 2,60,000.00           |
| 3                                     | HRD                                 | 30,000.00             |                                     |                       |
| 4                                     | Contingencies                       |                       |                                     |                       |
| A                                     | Stationery, Telephone, Postage      |                       |                                     |                       |
| B                                     | POL, Repairing of Vehicle,          | 80,000.00             |                                     |                       |
| C                                     | Meals/ Refreshment for Training     |                       |                                     |                       |
| D                                     | Training Materials                  | 60,000.00             |                                     |                       |
| E                                     | Frontline Demonstration             | 30,000.00             |                                     |                       |
| F                                     | On Farm Testing                     | 30,000.00             |                                     |                       |
| G                                     |                                     |                       |                                     |                       |
| H                                     | Maintenance of Building             | 4,00,000.00           |                                     | 4,00,000.00           |
| I                                     | SCSP                                | 18,00,000.00          | 22,10,000.00                        | 14,00,000.00          |
| J                                     |                                     |                       |                                     |                       |
| <b>TOTAL (A)</b>                      |                                     | <b>1,41,30,000.00</b> | <b>1,23,70,000.00</b>               | <b>1,04,69,644.00</b> |
| <b>B. Non-Recurring Contingencies</b> |                                     |                       |                                     |                       |
| 1                                     | Equipments & Furniture              | 2,50,000.00           | -                                   | -                     |
| 2                                     | Works (1 <sup>st</sup> Installment) | 57,00,000.00          | -                                   | -                     |
| 3                                     | Library                             | 10,000.00             | -                                   | -                     |
| 4                                     |                                     |                       |                                     |                       |
| <b>TOTAL (B)</b>                      |                                     | <b>59,60,000.00</b>   | <b>-</b>                            | <b>-</b>              |
| <b>C. REVOLVING FUND</b>              |                                     |                       |                                     |                       |
| <b>GRAND TOTAL (A+B+C)</b>            |                                     | <b>2,00,90,000.00</b> | <b>1,23,70,000.00</b>               | <b>1,04,69,644.00</b> |

## 7.5. Status of revolving fund (Rs. in lakh) for last three years

| Year    | Opening balance as on 1 <sup>st</sup> April   | Income during the year | Expenditure during the year | Net balance in hand as on 1 <sup>st</sup> April of each year (Kind + cash)                         |
|---------|---|------------------------|-----------------------------|--|
| 2019-20 | <ul style="list-style-type: none"> <li>• Cash = 11,11,111.47</li> <li>• Kind = 1,17,360.00</li> </ul> | 51,01,633.00           | 57,87,648.00                | <ul style="list-style-type: none"> <li>• Cash = 4,25,096.47</li> <li>• Kind = 16,300.00</li> </ul> |
| 2020-21 | <ul style="list-style-type: none"> <li>• Cash = 4,25,096.47</li> <li>• Kind = 16,300.00</li> </ul>    | 57,07,765.00           | 60,10,202.00                | <ul style="list-style-type: none"> <li>• Cash = 1,22,659.47</li> <li>• Kind = 25,700.00</li> </ul> |
| 2021-22 | <ul style="list-style-type: none"> <li>• Cash = 1,22,659.47</li> <li>• Kind = 25,700.00</li> </ul>    | Nil                    | Nil                         | <ul style="list-style-type: none"> <li>• Cash = 1,22,659.47</li> <li>• Kind = 25,700.00</li> </ul> |

7.6. (i) Number of SHGs formed by KVKs

(ii) Association of KVKs with SHGs formed by other organizations indicating the area of SHG activities

(iii) Details of marketing channels created for the SHGs

7.7. Joint activity carried out with line departments and ATMA

| Name of activity | Number of activity | Season | With line department | With ATMA | With both |
|------------------|--------------------|--------|----------------------|-----------|-----------|
|                  |                    |        |                      |           |           |
|                  |                    |        |                      |           |           |
|                  |                    |        |                      |           |           |

## 8. Other information

## 8.1. Prevalent diseases in Crops

| Name of the disease | Crop | Date of outbreak | Area affected (in ha) | % Commodity loss | Preventive measures taken for area (in ha) |
|---------------------|------|------------------|-----------------------|------------------|--|
|                     |      |                  |                       |                  |  |
|                     |      |                  |                       |                  |  |
|                     |      |                  |                       |                  |  |
|                     |      |                  |                       |                  |  |

## 8.2. Prevalent diseases in Livestock/Fishery

| Name of the disease | Species affected | Date of outbreak | Number of death/ Morbidity rate (%) | Number of animals vaccinated | Preventive measures taken in pond (in ha) |
|---------------------|------------------|------------------|-------------------------------------|------------------------------|---|
|                     |                  |                  |                                     |                              |   |
|                     |                  |                  |                                     |                              |   |

## 9.1. Nehru YuvaKendra(NYK) Training

| Title of the training programme | Period |    | No. of the participant |   | Amount of Fund Received (Rs) |
|---------------------------------|--------|----|------------------------|---|------------------------------|
|                                 | From   | To | M                      | F |                              |
|                                 |        |    |                        |   |                              |
|                                 |        |    |                        |   |                              |

## 9.2. PPV &amp; FR Sensitization training Programme

| Date of organizing the programme | Resource Person | No. of participants | Registration (crop wise) |                     |
|----------------------------------|-----------------|---------------------|--------------------------|---------------------|
|                                  |                 |                     | Name of crop             | No. of registration |
|                                  |                 |                     |                          |                     |
|                                  |                 |                     |                          |                     |

9.3. *mKisan*Portal (National Farmers' Portal/ SMSPortal)

| Type of message      | No. of messages | No. of farmers covered |
|----------------------|-----------------|------------------------|
| Crop                 | 2               | 18143                  |
| Livestock            |                 |                        |
| Fishery              |                 |                        |
| Weather              |                 |                        |
| Marketing            |                 |                        |
| Awareness            |                 |                        |
| Training information |                 |                        |
| Other                |                 |                        |
| <b>Total</b>         | 2               | 18143                  |

## 9.4. KVK Portal and Mobile App

| Sl. No. | Particulars                                | Description |
|---------|--|-------------|
| 1.      | No. of visitors visited the portal         | 56          |
| 2.      | No. of farmers registered in the portal    | 2457        |
| 3.      | Mobile Apps developed by KVK               |             |
| 4.      | Name of the App                            |             |
| 5.      | Language of the App                        |             |
| 6.      | Meant for crop/ livestock/ fishery/ others |             |
| 7.      | No. of times downloaded                    |             |

## 9.5. a. Observation of Swachh Bharat Programme

| Date/ Duration of Observation | Activities undertaken  |
|-------------------------------|--|
| 16.12.2021                    | Basic maintenance: Stock taking on digitization of office records/ e-office implementation. Review of progress on weeding out old records. |
| 18.12.2021                    | Cleanliness drive: Cleaning of offices, corridors and premises.  |
| 20.12.2021                    | Sanitation and SWM Cleanliness and sanitation drive in the villages (Khoab Gaon, Jhargram Block)   |
| 22.12.2021                    | Swachhta Awareness at local level  |
| 24.12.2021                    | Cleaning of public places: Kishan Mandi, Jhargram Block  |
| 28.12.2021                    | VC meetings regarding SWM  |
| 31.12.2021                    | Involvement dignitaries (Assistant Director of Agriculture, Jhargram Block) in the Swachhta activities.                                    |

## b. Details of Swachhta activities with expenditure

| Activities   | Number | Expenditure (in Rs.) |
|--|--------|----------------------|
| 1. Digitization of office records/ e-office  |        |                      |
| 2. Basic maintenance   |        |                      |
| 3. Sanitation and SBM  |        |                      |
| 4. Cleaning and beautification of surrounding areas  |        |                      |
| 5. Vermicomposting/<br>Composting of biodegradable waste management & other activities on generate of wealth for waste |        |                      |
| 6. Used water for agriculture/ horticulture application  |        |                      |
| 7. Swachhta Awareness at local level   |        |                      |
| 8. Swachhta Workshops  |        |                      |
| 9. Swachhta Pledge   |        |                      |
| 10. Display and Banner   |        |                      |
| 11. Foster healthy competition   |        |                      |

|   |  |  |
|---|--|--|
| 12. Involvement of print and electronic media   |  |  |
| 13. Involving the farmers, farm women and village youth in the adopted villages (no of adopted village) |  |  |
| 14. No of Staff members involved in the activities  |  |  |
| 15. No of VIP/VVIPs involved in the activities  |  |  |
| 16. Any other specific activity (in details)  |  |  |
| <b>Total</b>  |  |  |

## 9.6. Observation of National Science day

| Date of Observation | Activities undertaken |
|---------------------|-----------------------|
|                     |                       |

## 9.7. Programme with SeemaSurakshaBal/ BSF

| Title of Programme | Date | No. of participants |
|--------------------|------|---------------------|
|                    |      |                     |

## 9.8. Agriculture Knowledge in rural school

| Name and address of school | Date of visit to school | Areas covered | Teaching aids used |
|----------------------------|-------------------------|---------------|--------------------|
|                            |                         |               |                    |

Give good quality 1-2 photograph(s)

## 9.9. Details of Swachhta Hi Surakshaprogramme(16-31.12.2021) organized

| Sl. No. | Activity  | No. of villages Involved | No. of Participants | No. of VIPs | Name (s) of VIP(s)                  |
|---------|---|--------------------------|---------------------|-------------|-------------------------------------|
| 01      | <ul style="list-style-type: none"> <li>• Basic maintenance: Stock taking on digitization of office records/ e-office implementation.</li> <li>• Review of progress on weeding out old records.</li> <li>• Cleanliness drive: Cleaning of offices, corridors and premises.</li> <li>• Sanitation and SWM Cleanliness and sanitation drive in the villages (Khoab Gaon, Jhargram Block)</li> <li>• Swachhta Awareness at local level</li> <li>• Cleaning of public</li> </ul> | 03                       | 60                  | 01          | Mr.LakshiKanta Singh, ADA, Jhargram |

|  |  |  |  |  |
|--|--|--|--|--|
| places: Kishan Mandi, Jhargram Block   |  |  |  |  |
| <ul style="list-style-type: none"> <li>• VC meetings regarding SWM</li> <li>• Involvement dignitaries (Assistant Director of Agriculture, Jhargram Block) in the Swachhta activities.</li> </ul> |  |  |  |  |

#### 9.10. Details of MahilaKisan Divas programme(15.10.2021) organized

| Sl. No. | Activity | No. of villages Involved | No. of Participants | No. of VIPs | Name (s) of VIP(s) |
|---------|----------|--------------------------|---------------------|-------------|--------------------|
|         |          |                          |                     |             |                    |

#### 9.11. No. of Progressive/Innovative/Lead farmer identified (category wise)

| Sl. No. | Name of Farmer | Address of the farmer with contact no. | Innovation/ Leading in enterprise |
|---------|----------------|--|-----------------------------------|
|         |                |  |                                   |

#### 9.12. Revenue generation

| Sl.No. | Name of Head | Income(Rs.) | Sponsoring agency |
|--------|--------------|-------------|-------------------|
| 1.     |              |             |                   |
| 2.     |              |             |                   |
| 3.     |              |             |                   |

#### 9.13. Resource Generation:

| Sl.No. | Name of the programme | Purpose of the programme | Sources of fund | Amount (Rs. lakhs) | Infrastructure created |
|--------|-----------------------|--------------------------|-----------------|--------------------|------------------------|
|        |                       |                          |                 |                    |                        |

#### 9.14. Performance of Automatic Weather Station in KVK

| Date of establishment | Source of funding i.e. IMD/ICAR/Others (pl. specify) | Present status of functioning |
|-----------------------|--|-------------------------------|
|                       |  |                               |
|                       |  |                               |

#### 9.15. Contingent crop planning

| Name of the state | Name of district/KVK | Thematic area | Number of programmes organized | Number of Farmers contacted | A brief about contingent plan executed by the KVK |
|-------------------|----------------------|---------------|--------------------------------|-----------------------------|---|
|                   |                      |               |                                |                             |   |





## 16. Integrated Farming System (IFS)

## Details of KVK Demo. Unit

| Sl. No. | Module details (Component-wise) | Area under IFS (ha) | Production (Commodity-wise) | Cost of production in Rs. (Component-wise) | Value realized in Rs. (Commodity-wise) | No. of farmer adopted practicing IFS | % Change in adoption during the year |
|---------|---------------------------------|---------------------|-----------------------------|--|--|--------------------------------------|--------------------------------------|
|         |                                 |                     |                             |  |  |                                      |                                      |

## 17. Technologies for Doubling Farmers' Income

| Sl. No. | Name of the Technology | Brief Details of Technology (3- 5 bullet points) | Net Return to the farmer (Rs.) per ha per year due to adoption of the technology | No. of farmers adopted the technology in the district | One high resolution 'Photo' in 'jpg' format for each technology |
|---------|------------------------|--|--|---|---|
| 1       |                        |  |  |   |   |
| 2       |                        |  |  |   |   |

## 18. a) Information on ASCI Skill Development Training Programme, if undertaken during 2021

| Name of the Job role | Name of the certified Trainer of KVK for the Job role | Date of start of training | Date of completion of training | No. of participants |   |    |   |       |   | Whether uploaded to SIP Portal (Y/N) | Fund utilized for the training (Rs.) |
|----------------------|---|---------------------------|--------------------------------|---------------------|---|----|---|-------|---|--------------------------------------|--------------------------------------|
|                      |   |                           |                                | SC                  |   | ST |   | Other |   |                                      |                                      |
|                      |   |                           |                                | M                   | F | M  | F | M     | F |                                      |                                      |
|                      |   |                           |                                |                     |   |    |   |       |   |                                      |                                      |
|                      |   |                           |                                |                     |   |    |   |       |   |                                      |                                      |
|                      |   |                           |                                |                     |   |    |   |       |   |                                      |                                      |

b) Information on Skill Development Training Programme (**Other than ASCI or less than 200 hrs.**, if any) if undertaken during 2021

| Thematic area of training | Title of the training | Duration (in hrs.) | No. of participants |   |    |   |       |   |       |   |   |  | Fund utilized for the training (Rs.) |
|---------------------------|-----------------------|--------------------|---------------------|---|----|---|-------|---|-------|---|---|--|--------------------------------------|
|                           |                       |                    | SC                  |   | ST |   | Other |   | Total |   |   |  |                                      |
|                           |                       |                    | M                   | F | M  | F | M     | F | M     | F | T |  |                                      |
|                           |                       |                    |                     |   |    |   |       |   |       |   |   |  |                                      |
|                           |                       |                    |                     |   |    |   |       |   |       |   |   |  |                                      |

## 19. Information on NARI Project(if applicable)

| Name of Nodal Officer | No. of OFT on specified aspects | Title(s) of OFT | No. of FLD on specified aspects | No. of capacity development programme on specified aspects | Total no. of farm women/ girls involved in the project | Details of Issues related to gender mainstreaming addressed through the project |
|-----------------------|---------------------------------|-----------------|---------------------------------|--|--|---|
|                       |                                 |                 |                                 |  |  |   |

## 20. Specific programmes for the period

### i. Achievements in SCSP (Scheduled Caste Sub-Plan) (Specific for SC farmers only)

| Sl. No. | Activity   | No. of SC farmers/ stakeholders |        |       |
|---------|--|---------------------------------|--------|-------|
|         |  | Male                            | Female | Total |
| 1       | On- farm trials                                    |                                 |        |       |
| 2       | Frontline demonstrations                           |                                 |        |       |
| 3       | No. of Training programmes for farmers             |                                 |        |       |
| 4       | Farmers trained                                    |                                 |        |       |
| 5       | No. of Training programmes for Extension Personnel |                                 |        |       |
| 6       | Extension Personnel trained                        |                                 |        |       |
| 7       | Participants in extension activities               |                                 |        |       |
| 8       | Distribution of seed                               |                                 |        |       |
| 9       | Planting material distributed                      |                                 |        |       |
| 10      | Livestock strains and fingerlings distributed      |                                 |        |       |
| 11      | Soil, water, plant, manures samples tested         |                                 |        |       |
| 12      | Mobile agro-advisory provided to farmers           |                                 |        |       |
| 13      | Other (Please specify)                             |                                 |        |       |

### ii. Capacity building of farmers through training on Profitable Dairy Farming and Livestock Management (In case your KVK has Scientist (Animal/Veterinary Science))

| Sl. No. | Title of the training | Date/<br>Duration | No. of Participants |   |    |   |       |   |       |   |  |
|---------|-----------------------|-------------------|---------------------|---|----|---|-------|---|-------|---|--|
|         |                       |                   | SC                  |   | ST |   | Other |   | Total |   |  |
|         |                       |                   | M                   | F | M  | F | M     | F | M     | F |  |
|         |                       |                   |                     |   |    |   |       |   |       |   |  |

### iii. Status of Natural Farming

| Crop/ Commodity involved in Natural farming | Area covered under such farming (ha) | No. of farmers practicing Natural farming at present | Details of individual farmers (Name and Contact No.) | Organic component/ inputs used for such farming |
|---|--------------------------------------|--|--|---|
|   |                                      |  |  |   |

### iv. Farmer Producer Organizations

#### a) General information

| Sl. No. | Name & Address of FPO | Name & Contact No. of Head of FPO | No. of farmer members of FPO |   |   | Crop/ Enterprise dealt with by FPO | Kind of support provided by KVK in running/ starting of FPO (in brief) |
|---------|-----------------------|-----------------------------------|------------------------------|---|---|------------------------------------|--|
|         |                       |                                   | M                            | F | T |                                    |  |
|         |                       |                                   |                              |   |   |                                    |  |
|         |                       |                                   |                              |   |   |                                    |  |
|         |                       |                                   |                              |   |   |                                    |  |
|         |                       |                                   |                              |   |   |                                    |  |

**b) Financial information**

| Name & Address of FPO | Date of Registration | FPO Registered (Y/N) | Application Submitted for Registration (Y/N) | No. of share-holding farmer members | Equity Amount Collected (Rs.) | Bank Account Opened (Y/N) | Board Reconstituted after attaining minimum membership (Y/N) |
|-----------------------|----------------------|----------------------|--|-------------------------------------|-------------------------------|---------------------------|--|
|                       |                      |                      |  |                                     |                               |                           |  |
|                       |                      |                      |  |                                     |                               |                           |  |
|                       |                      |                      |  |                                     |                               |                           |  |
|                       |                      |                      |  |                                     |                               |                           |  |
|                       |                      |                      |  |                                     |                               |                           |  |

**v. Nutri-gardens (Village wise)**

| Sl. No. | Name of village | Name of crop | Area under the crop (acre) | No. of farmers |   |   | Whether bio-fortified variety of crop used (If yes, mention variety & crop) |
|---------|-----------------|--------------|----------------------------|----------------|---|---|---|
|         |                 |              |                            | M              | F | T |   |
|         |                 |              |                            |                |   |   |   |
|         |                 |              |                            |                |   |   |   |
|         |                 |              |                            |                |   |   |   |
|         |                 |              |                            |                |   |   |   |

**vi. Progress report on scientific beekeeping (2020-21 & 2021-22)**

| Name of KVK | Total budget allotted (Rs.) | Total budget utilized (Rs.) | Physical Training organized |                           |   | Online Training organized |                           |   |   |   |
|-------------|-----------------------------|-----------------------------|-----------------------------|---------------------------|---|---------------------------|---------------------------|---|---|---|
|             |                             |                             | No. of training             | No. of total participants |   | No. of training           | No. of total participants |   |   |   |
|             |                             |                             |                             | M                         | F |                           | T                         | M | F | T |
|             |                             |                             |                             |                           |   |                           |                           |   |   |   |
|             |                             |                             |                             |                           |   |                           |                           |   |   |   |

21. Any other programme organized by KVK, not covered above

| Sl. No. | Name of the programme | Date of the programme | Venue | Purpose | No. of participants |
|---------|-----------------------|-----------------------|-------|---------|---------------------|
|         |                       |                       |       |         |                     |

22. Good quality action photographs (with proper caption) of overall achievements of KVK during the year (best 10)









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