



ANNUAL REPORT 2023



Krishi Vigyan Kendra Jehanabad



**BIHAR AGRICULTURAL UNIVERSITY
SABOUR, BHAGALPUR**

PROFORMA FOR ANNUAL REPORT 2023 (01st January- 31st December 2023)

1. GENERAL INFORMATION ABOUT THE KVK

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

| Name and address of KVK | Telephone | | E-Mail |
|---|------------|-----|-------------------------------|
| | Office | FAX | |
| Dr. Muneshwar Prasad, Sr. Scientist & Head Krishi Vigyan Kendra, Gandhar, Jehanabad (Bihar), PIN-804432 | 8102372649 | - | jehanabadkvk@gmail.com |

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

| Name and address of Host Organization | Telephone | | E mail |
|--|--------------|--------------|------------------------|
| | Office | FAX | |
| Bihar Agricultural University, Sabour, Bhagalpur, PIN -813210 | 0641-2458611 | 0641-2452604 | deebausabour@gmail.com |

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

| Name | Telephone / Contact | | |
|----------------------|---------------------|------------|-------------------------------|
| | Residence | Mobile | Email |
| Dr. Muneshwar Prasad | - | 8102372649 | jehanabadkvk@gmail.com |

1.4. Year of sanction of KVK with council order No. and date: 2006 [Sanction Order F. No. 18027/960AE0I (Pt.) Date of Sanction 24.03.2006 , Year of Inception - 2006

1.5. Year of start of KVK: 2007

1.5. Staff Position (as on 31st December 2023)

| Sl. No. | Sanctioned post | Name of the Incumbent | Designation | Discipline | Pay Scale with Present Basic | Date of joining | Permanent/probation | Category (SC/ST/OBC/Others) |
|---------|-----------------------------|-----------------------|-----------------------------|-------------------------|------------------------------|-----------------|---------------------|-----------------------------|
| 1. | Senior Scientist& Head | Dr. Muneshwar Prasad | Sr. Scientist & Head | Horticulture | Level 13A, Basic- 147900 | 19.07.2019 | Permanent | SC |
| 2. | Subject Matter Specialist | Dr. Manoj Kumar | Subject Matter Specialist | Agronomy | Level 11, Basic- 101200 | 11.06.2009 | Permanent | Gen. |
| 3. | Subject Matter Specialist | Er. Jeetendra Kumar | Subject Matter Specialist | Agriculture Engineering | Level 11, Basic- 98300 | 12.11.2007 | Permanent | BC |
| 4. | Subject Matter Specialist | Dr. Dinesh Mahto | Subject Matter Specialist | Animal Science | Level 10, Basic- 75400 | 16.04.2012 | Permanent | Gen |
| 5. | Subject Matter Specialist | Dr. Wajid Hasan | Subject Matter Specialist | Entomology | Level 10, Basic- 75400 | 16.04.2012 | Permanent | Gen |
| 6. | Subject Matter Specialist | Vacant | - | - | - | - | - | - |
| 7. | Subject Matter Specialist | Vacant | - | - | - | - | - | - |
| 8. | Programme Assistant | Vacant | - | - | - | - | - | - |
| 9. | Computer Programmer | Manoj Kumar | Programme Assistant (Comp.) | - | Level 6, Basic- 47600 | 13.05.2013 | Permanent | Gen |
| 10. | Farm Manager | Vacant | - | - | - | - | - | - |
| 11. | Accountant / Superintendent | Sri Ganpati Chaudhary | Assistant | - | Level 6, Basic- 47600 | 16.04.2013 | Permanent | Gen |
| 12. | Stenographer | Abhay Kumar | Stenographer | - | Level 4, Basic- 44100 | 17.07.2013 | Permanent | Gen |
| 13. | Driver | Ayush Kumar | Driver | - | Level 3, Basic- 26000 | 11.05.15 | Permanent | SC |
| 14. | Driver | Vijay Kumar | Driver | - | Level 3, Basic- 28400 | 18.05.15 | Permanent | EBC |
| 15. | Supporting staff | Vacant | - | - | - | - | - | - |
| 16. | Supporting staff | Vacant | - | - | - | - | - | - |

1.6. Total land with KVK (in ha):

| S. No. | Item | Area (ha) | Name of infrastructure |
|--------|---------------------------|-----------|---|
| 1 | Under Buildings | 1.490 | Office, Training Hall, Kishan Hostel, Staff Quarter |
| 2. | Under Demonstration Units | 0.350 | Research Unit, Seed Production, Vermicompost Unit, Goatery Unit |
| 3. | Under Crops | 5.500 | Seed Production Farm |
| 4. | Orchard/Agro-forestry | 0.310 | Mango Orchard |
| 5. | Pond | 0.840 | Irrigation Pond |
| 6. | Polyhouse | 0.030 | Seedling Production |
| 7. | Green House | 0.008 | Plant Propagation House |
| 8. | IFS | 0.001 | Dairy Unit |
| 9. | Under Roads | 1.470 | Road, Canal |

Total area should be matched with breakup

1.7. Infrastructure Development:

A) Buildings and others

| Sl. No. | Name of infrastructure | Not yet started | Completed up to plinth level | Completed up to lintel level | Completed up to roof level | Totally completed | Plinth area (sq.m) | Under use or not* | Source of funding |
|---------|---------------------------------|-----------------|------------------------------|------------------------------|----------------------------|-------------------|---------------------|-------------------|-------------------|
| 1. | Administrative Building | | | | | Yes | 500m ² | under use | ICAR |
| 2. | Farmers Hostel | | | | | | 300m ² | Yes | ICAR |
| 3. | Staff Quarters (6) | | | | | | 315m ² | under use | ICAR |
| 4. | Piggery unit | | | | | | | | |
| 5. | Fencing | | | | | 50%Comp. | 2650ft ² | | ICAR |
| 6. | Rain Water harvesting structure | | | | | | - | | - |
| 7. | Threshing floor | | | | | | 40m ² | Yes | ICAR |
| 8. | Farm godown | | | | | | 70m ² | Yes | ICAR |
| 9. | Dairy unit | | | | | | | | |
| 10. | Poultry unit | | | | | | | | |
| 11. | Goatry unit | | | | | | | | |
| 12. | Mushroom Lab | | | | | | | | |
| 13. | Mushroom production unit | | | | | Yes | 750 m ² | Yes | ICAR |
| 14. | Shade house | | | | | Yes | 750 m ² | Yes | ICAR |

| | | | | | | | | | |
|-----|--------------------------------|--|--|--|--|-----|-------------------|-----|------|
| 15. | Soil test Lab | | | | | | | | |
| 16 | Others, (Seed Processing Unit) | | | | | | 60m ² | | RAU |
| 17 | Veg. Processing Unit | | | | | Yes | 50 m ² | Yes | ICAR |

* 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 |
|-------------------------|------------------|------------|---------------|----------------|
| Motor bike, BR01CR 8038 | 2015-16 | 60000 | 17390 | Functional |
| Motor bike, BR01CR 8039 | 2015-16 | 60000 | 17378 | Functional |
| Bolero BR 25 P 8971 | 2018-19 | 674299 | 91638 | Functional |

C) Equipment & AV aids

| Name of equipment | Year of purchase | Cost (Rs.) | Present status | Source of fund |
|---------------------------------------|------------------|------------|----------------|-----------------------------|
| a. Lab equipment | | | | |
| P.P Cap Sealing Machine | 2015-16 | 10000 | Working | ICAR |
| Crown corcking machine | 2015-16 | 7000 | Working | ICAR |
| Lug Cap sealer | 2015-16 | 12000 | Working | ICAR |
| Heavy Duty Mixture Grinder | 2015-16 | 12000 | Working | ICAR |
| Pulper | 2015-16 | 30000 | Working | ICAR |
| Fruit mill junior | 2015-16 | 12000 | Working | ICAR |
| Dehydrator Electrical | 2015-16 | 70000 | Working | ICAR |
| Vacuum Filer | 2015-16 | 33000 | Working | ICAR |
| Vegetable Juicer | 2015-16 | 32000 | Working | ICAR |
| Mridaprikshak Soil test lab. | 2015-16 | 75000 | Not working | NICRA |
| b. Farm machinery | | | | |
| Tractor | 22-07-08 | | Not working | Received from DEE, RAU Pusa |
| Mobile Seed Processing machine | | - | | Received from Bihar Govt. |
| Power Reaper | 2013-14 | 100000 | Working | ICAR |
| Power Reaper | 2011-12 | 86700 | Working | NICRA |
| c. AV Aids | | | | |
| LCD Projector & Accessories | 2010-11 | 47736.00 | Not working | ICAR |
| Multimedia Projector | 2010-11 | 33750.00 | Not working | ICAR |
| Digital Copier | 2010-11 | 63898.00 | Need Repair | ICAR |
| Stabilizer | 2010-11 | 7800.00 | Not working | ICAR |
| Desktop Computer with monitor (NICRA) | 2010-11 | 43434.00 | working | ICAR |
| HP Laser Printer (NICRA) | 2010-11 | 5938.00 | working | ICAR |
| UPS System (NICRA) | 2010-11 | 2000.00 | working | ICAR |

| | | | | |
|--|---------|----------|-------------|-------------------------|
| P/A System | 2010-11 | 25451.00 | Not working | ICAR |
| MPT Camera | 2015-16 | | Not working | ICAR |
| MIC | 2015-16 | | working | ICAR |
| Panasonic 47 LED | 2015-16 | 69565.00 | working | ICAR |
| Dell Monitor | 2015-16 | | working | ICAR |
| CPU | 2015-16 | 62839.00 | working | ICAR |
| UPS 5KVA Orian | 2015-16 | | working | ICAR |
| Polycom | 2015-16 | | Not working | RKVY |
| Video conferencing unit | 2015-16 | - | Working | Provided by BAU, Sabour |
| Computer System (Monitor, CPU, UPS, Laptop) | 2015-16 | 82583 | Working | Provided by BAU, Sabour |
| CCTV camer& DVR | 2015-16 | 21000 | Working | Provided by BAU, Sabour |
| Sound System | 2015-16 | 30165 | Working | Provided by BAU, Sabour |
| Video Camera (Sony) | 2015-16 | 82871 | Not Working | Provided by BAU, Sabour |
| Projector with Tripod Projector Screen (Sony) | 2015-16 | 52000 | Working | Provided by BAU, Sabour |
| Xerox Photo Copier cum printer | 2016-17 | 57142.86 | Not working | Provided by BAU, Sabour |
| Xerox Drum Catrige | 2016-17 | 20296.19 | Working | Provided by BAU, Sabour |
| Xerox Toner Catrige | 2016-17 | 6308.58 | Working | Provided by BAU, Sabour |
| LED TV 32(Panasonic) | 2016-17 | 27200 | Working | Provided by BAU, Sabour |
| Still Photographic camera (Canon) | 2016-17 | 29600 | Working | Provided by BAU, Sabour |

D) Farm implements

| Name of equipment | Year of purchase | Cost (Rs.) | Present status | Source of fund |
|--------------------------------|------------------|------------|----------------|-----------------------------|
| Zerotill seed cum ferti. Drill | 2011-12 | 57750 | Not Working | NICRA |
| Rotavator | 2011-12 | 99750 | Not Working | NICRA |
| M.B Plough | 2011-12 | 20160 | Not Working | NICRA |
| Disc Harrow | 2011-12 | 38325 | Not Working | NICRA |
| Leveller | 2011-12 | 13125 | Not Working | NICRA |
| Cultivator | 2011-12 | 25725 | working | RKVY |
| Multicrop thresher | 2011-12 | | working | RKVY |
| Conoweeder | 2011-12 | 1850 | working | ICAR |
| Winnower | 2011-12 | 2850 | working | ICAR |
| M.B Plough | 2006-07 | | working | Received from DEE, RAU Pusa |
| Disc Harrow | 2006-07 | | working | |
| Leveller | 2006-07 | | working | |
| Brush cutter | 2015-16 | 28300 | Not Working | ICAR |
| Paddy transplanter | 2016-17 | 190000 | Working | NICRA |
| Raised bed planter | 2016-17 | 70000 | Working | NICRA |
| Direct seeded rice machine | 2016-17 | 65000 | Working | NICRA |

| | | | | |
|----------------------------|---------|-------|---------|-------|
| Bund Farma Disc model | 2016-17 | 18780 | Working | NICRA |
| Portable water lifting set | 2018-19 | 20500 | Working | NICRA |

E) Farm implements under Climate Resilient Agriculture Project (CRAP), Govt. of Bihar.

| Name of equipment | Year of purchase | Cost (Rs.) | Present status | Source of fund |
|---------------------------|------------------|----------------------------|----------------|----------------|
| Green Seeker | 2022 | Central Store, BAU, Sabour | Working | CRA |
| Tractor Mounted Sprayer | 2022 | 193520 | Working | CRA |
| Zero till Drill | 2021 | 129000 | Working | CRA |
| Harvester | 2021 | 2759532 | Working | CRA |
| Trolly | 2021 | 151864 | Working | CRA |
| Reaper (Self) | 2021 | 124803 | Working | CRA |
| Weeder & Ridger | 2021 | 50410 | Working | CRA |
| Laser Land leveler | 2021 | 272321 | Working | CRA |
| Raised Bed planter | 2021 | 88392 | Working | CRA |
| Agrimax Rice Wheat Seeder | 2021 | 20000 | Working | CRA |
| Thresher | 2021 | 156000 | Working | CRA |
| Tractor | 2021 | 941756 | Working | CRA |
| Multicrop Planter | 2021 | 88019 | Working | CRA |
| Happy Seeder | 2020 | | Working | CRA |

1.8. Details SAC meeting* conducted in the year

| Date | Number of Participants | Total statutory member present (State line dept.) | Salient Recommendations | Action taken | If not conducted, state reason |
|------------|------------------------|---|--|---|--------------------------------|
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| | | vkxkeh 3 ekg dk izf'k{k.k.kdSys.MjrS;kjfd;ktk;s ,oalacaf/krfoHkkxksa dk Hkstk;k;sa | izf'k{k.k.kdSys.MjrS;kjdjlacaf/krfoHkk xksadksHkstk;k;kA | |
| | | vkWuQkeZV ^a k;y ,oaizFkeiafDrizR;{k.k ,oatyok;qvuqdwyd`f"kdk;ZØev kfndk;ZØeesafeV~VhtkWapdjo kbZtk;sa | vkWuQkeZV ^a kW;y&30] vfxzeiafDrizR;{k.kdk;ZØe esa&35] tyok;qvuqdwyd`f"kdk;ZØe esa&214 feV~VhtkWapd`f"kvuqla/kkulaLFkk u] iVukesadjk;kk;k ,oae`nkLokLF; dkMZforj.kfd;kk;kA | |
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|--|--|--|---|--|--|
| | | | Is tYnh dh tk;sA | djk;kx;kA | |
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| | | | cdfj;ksa ds yksdyCySdcaxkyçtkfr dk izpkjizlkjT;knkdjukgSA | vfxzeiafDrizR;{k.k ds ek;/e Is cdfj;ksa ds CySdcaxkyiztkfrdks c<+kokfn;ktkjgkgSAftldsvaxZrCyS dcaxkyiztkfr ¼08 cdjhrFkk 01 cdjk½ 08 fdlkuksadksmiyC/k djk;kx;kA | |
| | | | vxyhoSKkfudlykgdkjlfefrdhcSB d Is vuqlwfprrtkfrmi;kstuken | vuqikyufd;kx;kA ,l-lh-,l-ih- en ds rgr 08 izf'k{k.kftlesa | |

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| | | | izkd' frdd`f" kijfdlkuksadksizf'k{k .knsukgSrFkkviusdsUnzijHkhiz R;{k.kdjukgSA | dsUnzç{ks= ijzkd' frdd`f" k dk izR;{k.kfd;kx;kgSrFkk 8 izf'k{k.kdj; kx;kftlesa 381 fdlkuksa us Hkkxfy;kA | |

* Salient recommendation of SAC in bullet form

Attach a copy of SAC proceedings along with list of participants

2.a. District level data on agriculture, livestock and farming situation (2023)

| Sl.No. | Items | Information |
|--------|--|---|
| 1 | Major Farming system/enterprise | Paddy – Wheat/pulses- Moong (paddy- wheat/pulses-Moong). Also cultivation of oil seeds (Rai, Mustered), Potato, vegetables |
| 2 | Agro-climatic Zone | NARP Zone – III B: The area is alluvial plains with general slope towards North to East. The soils of the zones are classified as old alluvial. The agro climatic condition of the district offers excellent scope for plantation, medicinal and horticultural crops. |
| 3 | Agro ecological situation | Humid-hot climate: Rich in both ground and surface water resources and thus it is suitable for agriculture and fishery development |
| 4 | Soil type | Old alluvial-Clay: Hard in texture and low in organic matter contents Old alluvial – Loamy: Comparatively brittle and high in organic matter contents |
| 5 | Productivity of major 2-3 crops under cereals, pulses, oilseeds, vegetables, fruits and others | Rice- 31.81 Qt./ha, Wheat-34.24 Qt./ha, Chickpea-12.42 Qt./ha, Lentil-13.01 Qt./ha, Oilseeds-9.74 Qt./ha, Maize- 18.64 Qt./ha |
| 6 | Mean yearly temperature, rainfall, humidity of the district | Mean temp. max-32.84 ⁰ , min-15.62 ⁰ , Humidity Max-99%, Humidity Min-26.66%, Annual rainfall-1051mm |
| 7 | Production of major livestock products like milk, egg, meat etc. | Cattle average milk productivity- 9000 L/ day Population: Poultry (Desi)- 34.71 lakh, Improved poultry- 9.62 lakh, Duck- 5200, Swine- 16970, Goat- 72771, Cow- 80090, Buffalo- 1.28 lakh |

2.b. Details of operational area / villages (2023)

| Sl. No. | Name of Taluk | Name of the block | Name of the villages | Major crops & enterprises | Major problems identified (crop-wise) | Identified Thrust Areas |
|---------|---------------|-------------------|----------------------|--|--|---|
| 1. | Jehanabad | Ghosi | Sahpur | Paddy, wheat, pulses | False smut, stem borer in paddy, Drought in kharif,infertility & repeat breeding in cattle, mineral deficiency in cattle | Dairy, Poultry &Goatry management, Integrated pest and disease management, Nutritional management, improved implement |
| 2. | | Ghosi | Korma | Paddy, wheat, pulses, vegetable, oilseed | Water and weed management, insect-pest management in different crops,infertility& repeat breeding in cattle, mineral deficiency in cattle | Dairy, Poultry &Goatry management, Water and weed management, Varietal evaluation, improved implement |
| 3. | | Modanganj | Rampur charui | Paddy, wheat, pulses, oilseed, livestock | False smut, stem borer, gandhi bug in paddy, Pod borer and wilt disease in pulses, infertility & repeat breeding in cattle, mineral deficiency in cattle | Integrated pest and disease management,Improved implement Dairy, Poultry &Goatry management |

| | | | | | | |
|----|--|-----------|------------------------------------|--|---|--|
| 4. | | Kako | Safepur, Keshopur Khalisipur | Paddy, wheat, vegetable | False smut, stem borer, gandhi bug in paddy, Pod borer and wilt disease in pulses, infertility & repeat breeding in cattle, mineral deficiency in cattle | Integrated pest and disease management, Dairy, Poultry &Goatry management, improved implement, Fodder grass |
| 5. | | Kako | Deoghara | Paddy, wheat, pulses, flower | False smut, stem borer, gandhi bug in paddy, Pod borer and wilt disease in pulses, infertility & repeat breeding in cattle, mineral deficiency in cattle | Integrated pest and disease management, Dairy, Poultry &Goatry management, Weed management |
| 6. | | Ghosi | Sahobigha | Paddy, wheat, pulses, oilseed | Supplement of mineral mineral mixture & fodder seed, infertility & repeat breeding in cattle, PPR in goat, contagious disease of poultry, Nutritional deficiency in cattle, improved poultry breed, goat breed distribution, Onion thrips, heat stress in Buffaloes | Integrated pest and disease management Weed management, water management, Dairy, Goatry, poultry, Dairy, Poultry &Goatry management |
| 7. | | Ghosi | Godsar, Barasarai | Paddy, wheat, pulses, oilseed, livestock | Natural Resource Management, Water management, False smut, stem borer, gandhi bug in paddy, pink borer and termite in wheat, mineral deficiency in cattle, infertility & repeat breeding in cattle, PPR in goat, contagious disease of poultry, Nutritional deficiency in cattle, improved poultry breed, goat breed distribution, Onion thrips, heat stress in Buffaloes | Water conservation, Integrated pest and disease management, livestock management, Farm implement, Dairy |
| 8 | | Ghosi | Chhapanna | Paddy, wheat, pulses, oilseed | False smut, stem borer, gandhi bug in paddy, Pod borer and wilt disease in pulses, infertility & repeat breeding in cattle, mineral deficiency in cattle | Improved farm implement for resource conservation, Dairy, Poultry &Goatry management, Integrated pest and disease management |
| 9. | | Modanganj | Waina | Paddy, wheat, pulses, oilseed | False smut, stem borer, gandhi bug in paddy, Pod borer and wilt disease in pulses, infertility & repeat breeding in cattle, mineral deficiency in cattle | Improved farm implement for resource conservation Livestock management, Integrated pest and disease management |
| 10 | | Modanganj | Gandhar | Paddy, wheat, pulses, oilseed | False smut, stem borer, gandhi bug in paddy, Pod borer and wilt disease in pulses, infertility & repeat breeding in cattle, mineral deficiency in cattle | Integrated pest and disease management, Dairy, Poultry &Goatry management |
| 11 | | Kako | Bhelawar | Paddy, wheat, pulses, oilseed, livestock | PPR disease in goats, gumboro disease in Poultry bird, mineral deficiency in cattle | Integrated pest and disease management, Dairy, Poultry & Goats management |

| | | | | | | |
|----|--|-----------|------------|-------------------------------|--|--|
| 12 | | Kako | Nonhi | Paddy, wheat, pulses, oilseed | False smut, stem borer, gandhi bug in paddy, Pod borer and wilt disease in pulses, Heat stress in cattle | Dairy disease management, Integrated pest and disease management |
| 13 | | Modanganj | Mustafapur | Paddy, wheat, pulses, oilseed | False smut, stem borer, gandhi bug in paddy, Pod borer and wilt disease in pulses, Heat stress in cattle, mineral deficiency in cattle | Integrated pest and disease management, Dairy, Poultry & Goatry management |
| 14 | | Modanganj | Mananpur | Paddy, wheat, pulses | False smut, stem borer, gandhi bug in paddy, Pod borer and wilt disease in pulses, Heat stress in cattle, mineral deficiency in cattle | Integrated pest and disease management, Pulse, oilseed cultivation, |
| 15 | | Hulasganj | Sarma | Paddy, wheat, pulses, oilseed | False smut, stem borer, gandhi bug in paddy, Pod borer in pulse, Heat stress and infertility in cattle, Mortality in Fish | Integrated pest and disease management, Dairy & Fishery management |

2. c. Details of village adoption programme during 2023:

Name of the villages adopted by Sr. Scientist & Head and SMS (in year 2023) for its development and action plan

| Name of village | Block | Action taken for development |
|-----------------|-----------|---|
| Bandhuganj | Modanganj | OFT on Sheath blight in paddy, On farm trial on assessment of cut off ratio in wheat irrigation, FLD on Goat, FLD on fodder crop (Oat) & improved breed of poultry chicks under Schedule Cast Sub Plan |
| Jaikishunbigha | Modanganj | On farm trial on assessment of cut off ratio in wheat irrigation, FLD on management of sheath blight in paddy, Demonstration on Bio fortified wheat, FLD on Fodder grass, Demonstration of Agriculture drone for spray of Nano urea on wheat |
| Mahmadpur | Kako | On farm trial on assessment of cut off ratio in wheat irrigation, On farm trial on Repeat Breeding crossed breed Cow, FLD on Fodder grass |
| Uber | Kako | FLD on Fodder grass & Goat, FLD on fodder crop (Oat) & improved breed of poultry chicks under Schedule Cast Sub Plan |
| Nigar Pali | Kako | IRRI OFT on varietal trial on paddy |
| Amarpur Pali | Kako | IRRI OFT on varietal trial on paddy |
| Milkypar | Modanganj | IRRI OFT on varietal trial on paddy, FLD on Fodder grass & Goat, Demonstration on automatic drinking water bowl under Schedule Cast Sub Plan |
| Sikariya | Jehanabad | On farm trial on Repeat Breeding crossed breed Cow, FLD on Fodder grass |
| Afzalpur | Kako | On farm trial on assessment of cut off ratio in wheat irrigation |
| Lakshanbigha | Modanganj | FLD on use of fertilizer broadcaster in paddy |
| Pitamberpur | Modanganj | FLD on use of fertilizer broadcaster in paddy |
| Gandhar | Modanganj | On farm trial on assessment of different method of irrigation on productivity of tomato in medium land, Demonstration On Wilt management in Lentil, FLD on Goat & Fodder grass, Demonstration on Bio fortified wheat, IRRI Head to Head Trial on rice, FLD on fodder crop (Oat) & improved breed of poultry chicks under Schedule Cast Sub Plan |
| Mustafapur | Modanganj | IRRI Head to Head Trial on rice On farm trial on Repeat Breeding crossed breed Cow and anestrus of buffalo, FLD on Fodder grass, FLD on fodder crop (Oat) & improved breed of poultry chicks under Schedule Cast Sub Plan |

| | | |
|---------------|------------|--|
| Katrisin | Makhdumpur | On farm trial on assessment of different method of irrigation on productivity of tomato in medium land |
| Heridih | Makhdumpur | FLD on Fodder grass, Demonstration on automatic drinking water bowl under Schedule Cast Sub Plan |
| Sumaira | Makhdumpur | FLD on Fodder grass, Demonstration on automatic drinking water bowl under Schedule Cast Sub Plan |
| Sahpur | Ghosi | FLD on management of sheath blight in paddy, Demonstration on Wilt management in Lentil, CFLD on Oilseed, field day, Demonstration on automatic drinking water bowl under Schedule Cast Sub Plan, Demonstration of Agriculture drone for spray of Nano urea on wheat |
| Atiyawan | Ghosi | On farm trial on Repeat Breeding crossed breed Cow and anestrus of buffalo, FLD on fodder grass, CFLD on Oilseed, Trainings |
| Modanganj | Modanganj | FLD on management of sheath blight in paddy, demonstration on honey bee (<i>A. melifera</i>) |
| Lohgarh | Makhdumpur | Demonstration On Wilt management in Lentil, FLD on fodder crop (Oat) |
| Kakariya | Jehanabad | Demonstration on automatic drinking water bowl under SCSP, FLD on fodder crop (Oat) & improved breed of poultry chicks under Schedule Cast Sub Plan |
| Sahobigha | Ghosi | On farm trial on Repeat Breeding crossed breed Cow, FLD on Goat, fodder crop (Oat) & improved breed of poultry chicks, , FLD on fodder crop (Oat), Demonstration on automatic drinking water bowl under Schedule Cast Sub Plan |
| Sakrorha | Modanganj | On farm trial on Repeat Breeding crossed breed Cow, FLD on fodder crop (Oat) |
| Devghara | Kako | On farm trial on Repeat Breeding crossed breed Cow and anestrus of buffalo, CFLD on pulse, Trainings |
| Keshopur | Kako | OFT on management of Nematode in okra, Demonstration On Wilt management in Lentil, Mulching in okra, training, Monitoring of Kisan club, participation in BAU KisanMela and exhibition, soil day, participation in horticultural exhibition, Participation in Rabi Mela, Swachha Bharat Mission programme, demo on oilseed and pulses, exposure visit, IPM in vegetable, Kitchen Gardening |
| Rampur charui | Modanganj | Monitoring of Kisan club, FLD on use of fertilizer broadcaster in paddy, Vaccination programme, CFLD on pulses, infertility camp, , On farm trial on Repeat Breeding crossed breed Cow & FLD (Mineral Mixture, fodder grass), training, Animal Health camp, FLD on DSR, CFLD on oilseed and pulses, BLOTP organized etc. |
| Safepur | Kako | Monitoring of Kisan club, OFT on Sheath blight in paddy, Demonstration On Wilt management in Lentil Promoted vegetable cultivation by training, conducting Bee keeping, Kisan club, Swachha Bharat Mission programme |
| Baramsarai | Ghosi | On farm trial on Repeat Breeding crossed breed Cow, FLD on Fodder grass, FLD on fodder crop (Oat) & improved breed of poultry chicks under Schedule Cast Sub Plan |
| Sharma | Hulasganj | IRRI Trails (Cluster Demonstration on paddy) |
| Waina | Modanganj | OFT on Sheath blight in paddy, OFT on management of Nematode in okra, On farm trial on Repeat Breeding crossed breed Cow, FLD on Fodder grass, Climate Resilient Agriculture Programme |
| Korma | Ghosi | OFT on Sheath blight in paddy, Climate Resilient Agriculture Programme, FLD on fodder crop (Oat) & improved breed of poultry chicks under Schedule Cast Sub Plan, IRRI OFT on varietal trial on paddy, OFT on anestrus of buffalo |
| Chhapanna | Ghosi | On farm trial on Repeat Breeding crossed breed Cow and anestrus of buffalo, Climate Resilient Agriculture Programme |
| Pariyama | Modanganj | On farm trial on Repeat Breeding crossed breed Cow and anestrus of buffalo, Climate Resilient Agriculture Programme |
| Mananpur | Modanganj | On farm trial on Repeat Breeding crossed breed Cow, OFT on management of Nematode in okra, Climate Resilient Agriculture Programme, FLD on Goat, fodder crop (Oat) & improved breed of poultry chicks under Schedule Cast Sub Plan |

| | | |
|--------------|-----------|--|
| Anatpur | Modanganj | On farm trial on Repeat Breeding crossed breed Cow and anestrus of buffalo, Schedule Cast Sub Plan |
| Godsur | Ghosi | FLD on Goat, fodder crop (Oat) & improved breed of poultry chicks, Demonstration on automatic drinking water bowl under Schedule Cast Sub Plan |
| Amarpur Pali | Kako | IRRI Trials |

2.1 Priority thrust areas of KVKs

| Sl. No | Thrust area |
|--------|--|
| 1. | Quality seed production |
| 2. | Crop diversification. |
| 3. | Integrated Pest Management. |
| 4. | Promotion of agri-enterprises i.e. Beekeeping, Vermi Compost Production, Plant Health Clinic, Mushroom Production for self-employment and income generation among rural youths |
| 5. | Promotion of Resource conservation Technologies. |
| 6. | Gender mainstreaming through SHG's. |
| 7. | Promotion of Bio-fertilizers application & organic farming system. |
| 8. | Skill up gradation in livestock management for income generation. |
| 9. | Nutritional Management in cattle & small animals. |
| 10. | Disease management in cattle & small animals. |
| 11. | Water management with respect to climate change. |
| 12. | Poultry management |
| 13. | Dairy management |

| Livestock strains (in no's) and fish fingerlings produced (in lakh)* | | Soil, water, plant, manures samples tested (in lakh) | |
|--|-------------|--|-------------|
| Target | Achievement | Target | Achievement |
| - | - | 200 | 279 |

* Give no. only in case of fish fingerlings

3.2 ACHIEVEMENTS ON TECHNOLOGIES ASSESSED AND REFINED (OFT)

3.2.1 Technology Assessed by KVK (Discipline wise)

| A | Technologies assessed under various crops (Cereal Crop Production) | | | |
|----|--|---|---------------|------------------|
| | Thematic areas | Number of the technologies (Technology Interventions) | No. of trials | No. of Locations |
| 1 | Integrated Nutrient Management | | | |
| 2 | Varietal Evaluation | | | |
| 3 | Integrated Pest Management | 3 | 8 | 8 |
| 4 | Integrated Crop Management | | | |
| 5 | Integrated Disease Management | 3 | 8 | 8 |
| 6 | Small Scale Income Generation Enterprises | | | |
| 7 | Weed Management | | | |
| 8 | Resource Conservation Technology | | | |
| 9 | Farm Machineries | | | |
| 10 | Integrated Farming System | | | |
| 11 | Seed / Plant production | | | |
| 12 | Post Harvest Technology / Value addition | | | |
| 13 | Drudgery Reduction | | | |
| 14 | Storage Technique | | | |
| 15 | Others (Pl. specify) Water conservation | 3 | 7 | 7 |
| 16 | Cropping Systems | | | |
| 17 | Farm Mechanization | | | |
| 18 | Others Micro irrigation system | 3 | 7 | 7 |
| | Total | 12 | 30 | 30 |
| B | Technologies assessed under various crops (Hort crops.) | | | |

| | Thematic areas | Number of the technologies (Technology Interventions) | No. of trials | No. of Locations |
|----------|--|--|----------------------|-------------------------|
| 1 | Integrated Nutrient Management | | | |
| 2 | Varietal Evaluation | | | |
| 3 | Integrated Pest Management | | | |
| 4 | Integrated Crop Management | | | |
| 5 | Integrated Disease Management | | | |
| 6 | Small Scale Income Generation Enterprises | | | |
| 7 | Weed Management | | | |
| 8 | Resource Conservation Technology | | | |
| 9 | Post-harvest Technology / Value addition | | | |
| 10 | Others if any specify | | | |
| C | Technologies assessed under livestock & Fisheries by KVKs | | | |
| | Thematic areas | No. of technologies (Technology Interventions) | No. of trials | No. of locations |
| 1 | Disease & Health Management | 4 | 10 | 10 |
| 2 | Breeding management/Evaluation of Breeds | | | |
| 3 | Feed and Fodder management | | | |
| 4 | Nutrition Management | 5 | 10 | 10 |
| 5 | Production and Management | | | |
| 6 | Processing and Value addition | | | |
| 7 | Fisheries management | | | |
| 8 | Others (waste, ITK etc) | | | |
| | Total | 9 | 20 | 20 |
| D | Technologies assessed under miscellaneous enterprises by KVKs | | | |
| | Thematic areas | No. of technologies (Technology Interventions) | No. of trials | No. of locations |
| 1 | Drudgery reduction | | | |
| 2 | Entrepreneurship Development | | | |
| 3 | Health and nutrition | | | |
| 4 | Processing and value addition | | | |

| | | | | |
|----------|--|---|----------------------|-------------------------|
| 5 | Energy conservation | | | |
| 6 | Small-scale income generation | | | |
| 7 | Storage techniques | | | |
| 8 | Household food security | | | |
| 9 | Organic farming | | | |
| 10 | Agroforestry management | | | |
| 11 | Mechanization | | | |
| 12 | Resource conservation technology | | | |
| 13 | Value Addition | | | |
| 14 | Others | | | |
| | Total | 0 | 0 | 0 |
| E | Technologies assessed under various enterprises for women empowerment | | | |
| | Thematic areas | No. of technologies (Technology Interventions) | No. of trials | No. of locations |
| 1 | Drudgery Reduction | | | |
| 2 | Entrepreneurship Development | | | |
| 3 | Health and Nutrition | | | |
| 4 | Value Addition | | | |
| 5 | Others | | | |
| | Total | 0 | 0 | 0 |

3.2.2 OFT (All discipline)

- **Thematic area:** Integrated Pest Management
- **Problem definition/Name of OFT:** Management of nematode in Okra

| | | |
|----|--|--|
| 1. | Title of On farm Trial | Management of nematode in Okra |
| 2. | Problem diagnose | Nematode cause yield loss in okra. Due to damage symptom underground soil very difficult to manage by farmers once infestation occurred |
| 3. | Details of technologies selected for assessment/refinement | Farmer Practices: Chalorpyriphos spray @ 3 ml/ lt. TO1: • Soil solarization with polythene (40 μ m) white sheet for two weeks • Soil Treatment: Pseudomonas fluorescens @ 20 gm/m ² + Trichoderma viride @ 50 g/m ² • Seed Treatment: Pseudomonas fluorescens @ 10 gm/kg + Trichoderma viride @ 10 g/kg TO2: Carbafulan 3G @ 3.6 gm/m ² |
| 4. | Source of Technology | Bihar Agricultural University, Sabour, Bihar |
| 5. | Production system and thematic area | Rice-Potato-Okra Integrated Pest Management |
| 6. | Performance of the Technology with performance indicators | The infestation of nematode pest complex is reduced and increase yield marginally. |
| 7. | Final recommendation for micro level situation | For management of nematode pest complex in okra the both (TO1 and TO 2) is recommended. |
| 8. | Constraints identified and feedback for research | Assessment of another molecules |
| 9. | Process of farmers participation and their reaction | Actively participated with adaptation of the technology |

B. Results with Table and good quality photographs in jpg.

| Thematic area | Technology options with detailed treatments | Area (ha in crop & Fodder)/ Nos (in livestock) | | Yield (q/ha) | Cost of cultivation (Rs./ha) | Gross return (Rs/ha) | Net return(Rs./ha) | BC ratio |
|----------------------------|---|--|--------|--------------|------------------------------|----------------------|--------------------|----------|
| | | Proposed | Actual | | | | | |
| Integrated Pest Management | Farmer Practices: Chalorpyriphos spray @ 3 ml/ lt. | 8 | 8 | 251.7 | 45000 | 302040 | 257040 | 6.71 |
| Integrated Pest | TO1: | 8 | 8 | 253.8 | 47500 | 304560 | 257060 | 6.41 |

| | | | | | | | | |
|----------------------------|--|---|---|-------|-------|--------|--------|------|
| Management | <ul style="list-style-type: none"> • Soil solarization with polythene (40 μ m) white sheet for two weeks • Soil Treatment: Pseudomonas fluorescens @ 20 gm/m² + Trichoderma viride @ 50 g/m² • Seed Treatment: Pseudomonas fluorescens @ 10 gm/kg + Trichoderma viride @ 10 g/kg | | | | | | | |
| Integrated Pest Management | TO2: Carbafulan 3G @ 3.6 gm/m ² | 8 | 8 | 260.6 | 45500 | 312720 | 267220 | 6.87 |

*Plant Nematode population count in 200 cc soil



Result: Results revealed that the higher yield of okra (260.6 q/ha) and 6.87 B:C ratio with mean 29.6, 13.4 nematode population of okra were recorded in plots treated with TO2 followed by plots treated TO1, the yield (253.8 q/ha) and 6.41 B:C ratio with mean 91, 37.8 nematode population of okra observed. Whereas plots treated with Farmer practices, the yield (251.7 q/ha) and 6.71 B:C ratio with mean 264.6, 69.8 nematode population of okra were recorded.

- **Thematic area:** Integrated Disease Management

Problem definition/Name of OFT: Assessment of fungicides for the management of Sheath blight of Rice

| | | |
|----|--|--|
| 1. | Title of On farm Trial | Assessment of fungicides for the management of Sheath blight of Rice |
| 2. | Problem diagnose | Five- to six-week-old leaf sheaths are highly susceptible. The presence of several large lesions on a leaf sheath usually causes death of the whole leaf, and in severe cases all the leaves of a plant may be blighted in this way. |
| 3. | Details of technologies selected for assessment/refinement | Farmer practice: Spray of hexaconazole 5 EC @800ml/ha TO1: Spray of Propiconazole 13.9% + Difenoconazole 13.9% EC @500ml/ha. TO2: Spray of Thifluzamide 24 SC @ 1ml /liter of water (45 days after transplanting) |
| 4. | Source of Technology | ATARI, Patna |
| 5. | Production system and thematic area | Rice-Wheat Integrated Disease Management |
| 6. | Performance of the Technology with performance indicators | The incidence of disease is reduced and increase yield marginally. |
| 7. | Final recommendation for micro level situation | For management of sheath blight in Paddythe both (TO2 and TO3) is recommended. |
| 8. | Constraints identified and feedback for research | Assessment of another molecule |
| 9. | Process of farmers participation and their reaction | Actively participated with adaptation of the technology |

B. Results with Table and good quality photographs in jpg.

| Thematic area | Technology options with detailed treatments | Area (ha in crop & Fodder)/ Nos (in livestock) | | Yield (q/ha) | Cost of cultivation (Rs./ha) | Gross return (Rs/ha) | Net return(Rs./ha) | BC ratio |
|-------------------------------|--|--|--------|--------------|------------------------------|----------------------|--------------------|----------|
| | | Proposed | Actual | | | | | |
| Integrated Disease Management | Farmer practice: Spray of hexaconazole 5 EC @800ml/ha | 8 | 8 | 39.01 | 40500 | 85159 | 44659 | 2.10 |
| Integrated Disease Management | TO1: Spray of Propiconazole 13.9% + Difenoconazole 13.9% EC @500ml/ha. | 8 | 8 | 42.29 | 41000 | 92319 | 51319 | 2.25 |
| Integrated | TO2: Spray of | 8 | 8 | 42.04 | 41000 | 91773 | 50773 | 2.24 |

| | | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|
| Disease Management | Thifluzamide 24 SC @ 1ml /liter of water (45 days after transplanting) | | | | | | | |
|--------------------|--|--|--|--|--|--|--|--|



Result: Among these technology options TO1 showed minimum (2.8) Relative Lesion Height (RLH) with the yield (42.29 q/ha) and 2.24 B:C ratio as compared to TO2 (3.1) Relative Lesion Height (RLH) along with the yield (42.04 q/ha) and 2.24 B:C ratio, respectively. Whereas plots treated with Farmer practices the yield (39.01 q/ha) and 2.10 B:C ratio with high % Relative Lesion Height (RLH) 9.3 were recorded. This study showed that, TO 1 & 2 a new generation fungicides is more effective and increases the yield upto 8.4 percent.

- **Thematic area:** Disease Management
- **Problem definition/Name of OFT:** Effect of intrauterine antimicrobials treatment in repeat breeding cross bred cows.

| | | |
|----|--|---|
| 1. | Title of On farm Trial | Effect of intrauterine antimicrobials treatment in repeat breeding cross bred cows. |
| 2. | Problem diagnosed | Bacterial infection of reproductive system |
| 3. | Details of technologies selected for assessment/refinement (Mention either Assessed or Refined) | Farmer Practice: 1.5 -2.0 kg spouted wheat/gram for 5-6 days +6-7 kg green grass (Tradition feeding) and 1-1.5kg concentrate mixture TO1: FP +Ciprofloxacin &Tinidazole combination @30ml daily for 5 days + GnRhpreparation @5ml I/M route 12 hrs before Insemination. TO2: FP + Ciprofloxacin &Tinidazole combination @30ml daily for 5 days + D0:GnRh (Buserelin) 10 microgram +D7:PGF ₂ alfa 500 microgram + |

| | | |
|-----|--|--|
| | | D9:GnRh (Buserelin) 10 microgram and D10 fixed time A.I. TO3: FP+ Ciprofloxacin & Tinidazole combination @30ml daily for 5 days + D0:GnRh (Buserelin) 10 microgram +D7:PGF ₂ alfa 500 microgram + D9:Oestradol 1 milligram of therapeutic trial and D10 fixed time A.I. |
| 4. | Source of Technology (ICAR/ AICRP/SAU/other, please specify) | IVRI, Bairely, UP. |
| 5. | Production system and thematic area | Calf and Diseases Management |
| 6. | Performance of the Technology with performance indicators | Reproductive performance, Conception rate and B:C ratio |
| 7. | Final recommendation for micro level situation | Mineral deficiency and hormonal imbalance. |
| 8. | Constraints identified and feedback for research | Nutritional deficiency |
| 9. | Process of farmers participation and their reaction | On farmers field and well |
| 10. | No. of replication | 10 |

B. Results with Table and good quality photographs in jpg.

| Thematic area | Technology options with detailed treatments | Area (ha in crop & Fodder)/ Nos (in livestock) | | Conception/Pregnancy rate | Cost of cultivation (Rs./ha) | Gross return (Rs/ha) | Net return (Rs./ha) | BC ratio |
|--------------------|---|--|--------|---------------------------|------------------------------|----------------------|---------------------|------------|
| | | Proposed | Actual | | | | | |
| Disease Management | Farmer Practice :1.5 -2.0 kg spouted wheat/gram for 5-6 days +6-7 kg green grass (Tradition feeding) and 1-1.5kg concentrate mixture | 10 | 10 | 30 | 205850 | 240000 | 34150 | 1.1 |
| Disease | TO1: TO | 10 | 10 | 40 | 210350 | 270000 | 59650 | 1.2 |

| | | | | | | | | |
|--------------------|---|----|----|----|--------|--------|-------|------------|
| Management | +Ciprofloxacin & Tinidazole combination @ 30ml daily for 5 days + GnRh preparation @ 5ml I/M route 12 hrs before Insemination | | | | | | | |
| Disease Management | TO2: TO + Ciprofloxacin & Tinidazole combination @ 30ml daily for 5 days + D0:GnRh (Buserelin) 10 microgram + D7:PGF ₂ alpha 500 microgram + D9:GnRh (Buserelin) 10 microgram and D10 fixed time A.I. | 10 | 10 | 50 | 215350 | 300000 | 84650 | 1.3 |
| Disease Management | TO3: TO + Ciprofloxacin & Tinidazole combination @ 30ml daily for 5 days + D0:GnRh (Buserelin) 10 microgram + D7:PGF ₂ alpha, 500 microgram + D9: Oestradiol 1 milligram of therapeutic trial and D10 fixed time A.I. | 10 | 10 | 50 | 213950 | 300000 | 86050 | 1.4 |



Results: The better conception and pregnancy rate found in repeat breeding cross breed cows can be obtained by TO3 (Ciprofloxacin & Tinidazole combination @30ml daily for 5 days + D0:GnRh (Buserelin) 10 microgram +D7: PGF₂alfa,500microgram+ D9: Oestradol 1 milligram of therapeutic trial and D10 fixed time A.I.) treatment through the cost of intervention seems to be higher than other treatment groups.

Thematic area: Nutritional management

Problem definition/Name of OFT: Comparative studies on different herbal medicines for induction of estrus in anoestrus buffalo heifer.

| | | |
|----|---|--|
| 1. | Title of On Farm Trial | Comparative studies on different herbal medicines for induction of estrus in anoestrus buffalo heifer. |
| 2. | Problem Diagnose | Hormonal Imbalance and delayed ovulation or anovulation |
| 3. | Details of Technologies selected for assessment /refinement | Farmer practice : Anoestrus buffalo heifers(Farmer Practice). TO1: Mineral mixture @ 50g orally for 10 days . TO2: TO1+ Prajana HS @ 3 capsule daily for 2 days followed by 3 capsules orally for 2 days on 11th day of study. TO3:TO1+ <i>Randiadumetorum</i> (madanphala)@ 15g. Orally, daily for 4 days of study TO4: TO1 + <i>Tinosporacordifolia</i> (Giloy) @ 25g. Orally daily for 10 days of study. |

| | | |
|----|--|--|
| 4. | Source of technology | Department of Veterinary Gynecology and Obstetrics, Narendra Deva University of Agriculture and Technology, Faizabad- U.P, and veterinary college and research institute,orathanadu& veterinary animal science university tamilnadu ,India |
| 5. | Replication | 10 |
| 6. | Production system & Thematic Area | Calf and Nutritional management. |
| 7. | Performance of Technology with performance indicator | Reproductive performance, Conception rate and B:C ratio |
| 8. | Process of farmers participation and their reaction | Discussion with farmers during Training Programmes Observation during field visits |

B. Results with Table and good quality photographs in jpg.

| Thematic area | Technology options with detailed treatments | Area (ha in crop & Fodder)/ Nos (in livestock) | | Conception/Pre gnancy rate | Gross Cost of animals feeding /medicine /Mineral mixture (Rs.) | Gross return (Rs /calf) | Net return (Rs.) | B :C ratio |
|------------------------|---|--|--------|----------------------------|--|-------------------------|------------------|------------|
| | | Proposed | Actual | | | | | |
| Nutritional management | F.P.: Anoestrus buffalo heifers | 10 | 10 | 30 | On Going | | | |
| Nutritional management | TO 1: Mineral mixture @ 50g orally for 10 days | 10 | 10 | 40 | | | | |
| Nutritional management | TO 2: TOI+ Prajana HS @ 3 capsule daily for 2 days followed by 3 capsules orally for 2 days on 11th day of study. | 10 | 10 | 50 | | | | |
| Nutritional management | TO3: TO1+ <i>Randiadumetorum</i> (madanphala) @ 15g. Orally, daily for 4 days of study. | 10 | 10 | 50 | | | | |
| | TO 4: TO1 + <i>Tinosporacordifolia</i> (Giloy) @ 25g. Orally | | | | | | | |

| | | | | | | | | |
|--|----------------------------|--|--|--|--|--|--|--|
| | daily for 10 days of study | | | | | | | |
|--|----------------------------|--|--|--|--|--|--|--|

Result- On going and result awaited

- **Thematic area: Water Conservation**
- **Problem definition/Name of OFT:** Assessment of Cut Off ratio in wheat irrigation
- **Replication: 7**

| | | |
|----|--|--|
| 1. | Title of On farm Trial | Assessment of Cut Off ratio in wheat irrigation |
| 2. | Problem diagnose | Water scarce situation during Rabi season |
| 3. | Details of technologies selected for assessment/refinement | Farmer practice: 100% irrigation TO1: Irrigation at 90% cut off TO2: Irrigation at 80% cut off |
| 4. | Source of Technology | ATARI, Patna |
| 5. | Production system and thematic area | Rice- Wheat, Water Conservation |
| 6. | Performance of the Technology with performance indicators | Stream size (lpm), Strip size (m), Water use (cm), yield (q/ha), water saving (%), water efficiency (kg/ha-cm) |
| 7. | Final recommendation for micro level situation | TO2 (Irrigation at 80 % cutoff) performed best |
| 8. | Constraints identified and feedback for research | - |
| 9. | Process of farmers participation and their reaction | Discussion with farmers during Training Programmes Observation during field visits |

B. Results with Table and good quality photographs in jpg.

No. of Irrigation: 3

| Thematic area | Technology options with detailed treatments | Area (ha in crop & Fodder)/ Nos (in livestock) | | Water applied (Cubic meter/ha) | Water saving (Cubic meter/ha) | Yield (q/ha) | Water Use Efficiency (Kg/ha-cm) | Cost of cultivation (Rs./ha) | Gross return (Rs/ha) | Net return (Rs./ha) | BC ratio |
|--------------------|---|--|--------|--------------------------------|-------------------------------|--------------|---------------------------------|------------------------------|----------------------|---------------------|----------|
| | | Proposed | Actual | | | | | | | | |
| Water Conservation | Farmer practice: 100% irrigation | 0.4 | 0.4 | 2060.7 (20.6 cm) | - | 38.2 | 185.43 | 37500 | 81175 | 43675 | 2.16 |
| Water Conservation | TO 1: Irrigation at 90% cut off | 0.4 | 0.4 | 1905.0 (19.05 cm) | 155.7 | 41.5 | 217.85 | 36200 | 88188 | 51988 | 2.43 |
| Water Conservation | TO 2: Irrigation at 80% cut off | 0.4 | 0.4 | 1807.8 (18.07 cm) | 252.9 | 40.3 | 223.0 | 34800 | 85638 | 50838 | 2.46 |



Farmer practice: 100% irrigation



TO1 (Irrigation at 90% cut off)



TO2 (Irrigation at 80 % cutoff)

Result:Result depicted that TO2 (Irrigation at 80 % cutoff) performed best in terms of B:C ratio as 2.46 (Yield 40.3 q/ha) followed by TO1 (Irrigation at 90% cut off) with yield 41.5 q/ha and B:C ratio 2.43 as compared to 38.2 q/ha yield with B:C ratio 2.16 in Farmers practice.

- **Thematic area:** Micro Irrigation System
- **Problem definition/Name of OFT:** Assessment of different methods of irrigation on productivity of tomato in medium land.
- **Replication: 8**

| | | |
|----|--|--|
| 1. | Title of On farm Trial | Assessment of different methods of irrigation on productivity of tomato in medium land. |
| 2. | Problem diagnose | Consumption of excess water in furrow/bed method of irrigation in tomato |
| 3. | Details of technologies selected for assessment/refinement | Farmer practice: furrow/ bed irrigation TO 1: Drip irrigation with crop residue mulch TO 2: Drip irrigation with plastic mulching |
| 4. | Source of Technology | ATARI, Patna |
| 5. | Production system and thematic area | Rice- Oilseed/Pulse –Vegetable and Micro Irrigation System |
| 6. | Performance of the Technology with performance indicators | Water applied (cm), saving of water (%), yield (q/ha), water efficiency (kg/ha-cm) |
| 7. | Final recommendation for micro level situation | TO-2 (Drip irrigation with plastic mulching) consumed minimum quantity of water and produced maximum tomato yield |
| 8. | Constraints identified and feedback for research | Greater Cost of drip irrigation installation |
| 9. | Process of farmers participation and their reaction | Discussion with farmers during Training Programmes Observation during field visits |

B. Results with Table and good quality photographs in jpg.

| Thematic area | Technology options with detailed treatments | Area (ha in crop & Fodder)/ Nos (in livestock) | | No. of in Irrigation | Water applied (Cubic meter/ha) | Water saving(Cubic meter/ha) | Yield (q/ha) | Water Use Efficiency (Kg/m ³) | Cost of cultivation(Rs./ha) | Gross return (Rs/ha) | Net return(Rs./ha) | BC ratio |
|-------------------------|---|--|--------|----------------------------|--------------------------------|-------------------------------|--------------|---|-----------------------------|----------------------|---------------------|----------|
| | | Proposed | Actual | | | | | | | | | |
| Micro Irrigation System | Farmer practice: furrow/ bed irrigation | 0.24 | 0.24 | 14 | 6800 (68.0 cm) | - | 233 | 3.42 | 68200 | 233000 | 164800 | 3.41 |
| Micro Irrigation System | TO 1: Drip irrigation with Crop Residue mulch | 0.24 | 0.24 | 10 | 4500 (45.0 cm) | 2300 | 282 | 6.27 | 71600 | 282000 | 210400 | 3.93 |
| Micro Irrigation System | TO 2: Drip irrigation with plastic mulching | 0.24 | 0.24 | 2.5 hr with 2 day interval | 2400 (24.0cm) | 4400 | 446 | 18.58 | 97100 | 446000 | 348900 | 4.59 |



Farmer practice: furrow/ bed irrigation



TO1 (Drip irrigation with crop residue mulch)



TO2 (Drip irrigation with plastic mulching)



Result: Result revealed that TO2 (Drip irrigation with plastic mulching) consumed minimum quantity of water (2400 cubic meter/ha) and produced maximum tomato (cv. Kashi Vishesh) yield of 446.0 q/ha with B: Cratio of 4.59 followed by TO1 (Drip irrigation with crop residue mulch) with 282 q/ha yield and B: Cratio of 3.93 in comparison to farmers practice plot with yield of 233.0 q/ha and B: ratio 3.41.

3.3 ACHIEVEMENTS OF FRONTLINE DEMONSTRATIONS(FLD)

A. Overall achievements of FLDs conducted during the year 2023

| S.No | Crop category | No. of FLD | Area | No of beneficiaries | Yield in Demo (q/ha) | Yield in check (q/ha) |
|------|----------------------------------|------------|---------|---------------------|----------------------|-----------------------|
| 1 | Cereals | | | | | |
| | Paddy | 1 | 6.0 | 15 | 41.6 | 38.4 |
| | Paddy | 1 | 8.0 | 20 | 40.3 | 38.1 |
| 2 | Oil Seed | - | - | - | - | - |
| 3 | Pulses | - | - | - | - | - |
| 4 | Horticulture Crops | - | - | - | - | - |
| 5 | Fodder crop (Jai) | 50 | - | 50 | 11.20 | 9.62 |
| | Fodder crop (Berseem) | 50 | - | 50 | 10.80 | 9.20 |
| | Fodder crop (Jai) | 1 | | 31 | Continue | |
| 6 | Hybrid crop | - | - | - | - | - |
| 7 | Sorted semen straw for Gir cow | 1 | 20 unit | 20 | Continue | |
| 8 | Poultry (Var. Sonali) under SCSP | 1 | 80 unit | 80 | Continue | |
| | Fisheries | | | | | |
| | Other enterprises | | | | | |
| | Women empowerment | | | | | |
| | Farm Machinery | | | | | |
| | Grand Total | | | | | |

B. Details of FLDs conducted during the year 2023

1. Cereals

| 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 |

| | | | | | | | | | | | | | | | |
|---------------------|------------------------|---|-----|----------|----------|------|------|-------|-------|-------|------|-------|-------|-------|------|
| Wheat | Zinc Fortified Wheat | Zinc Fortified Wheat varieties (var. BHU-25) | 4 | | 34.4 | 31.8 | 8.17 | 32200 | 61920 | 29720 | 1.92 | 31800 | 57240 | 25440 | 1.8 |
| | Zinc Fortified Wheat | Zinc Fortified Wheat varieties (var. BHU-31) | 4 | 3.0 | 35.2 | 32.5 | 8.30 | 32200 | 63360 | 31160 | 1.96 | 31800 | 58500 | 26700 | 1.83 |
| Paddy (Kharif 2022) | Small implements | Use of Broadcaster machine | 15 | 6.0 | 41.6 | 38.4 | 8.3 | 38200 | 84864 | 46664 | 2.22 | 39600 | 78336 | 38736 | 1.98 |
| Paddy | IPM | Management of Sheath blight in paddy (Validamycin 3L @ 200 ml per acre paddy) | 20 | 8.0 | 40.3 | 38.1 | 5.8 | 38500 | 88660 | 50160 | 2.30 | 38000 | 83820 | 45820 | 2.20 |
| Jai | Fodder management | Green fodder | 50 | 50 unit | 11.20 | 9.62 | 1.58 | 53900 | 84000 | 30100 | 1.5 | 48500 | 72150 | 23650 | 1.4 |
| Berseem | Fodder management | Green fodder | 50 | 50 unit | 10.80 | 9.2 | 1.6 | 53900 | 81000 | 27100 | 1.5 | 48500 | 69000 | 20500 | 1.4 |
| Jai | Fodder management | Green fodder | 31 | 1.0 | 11.20 | 9.63 | 1.58 | 53900 | 84000 | 30100 | 1.5 | 48500 | 72150 | 23650 | 1.4 |
| Poshan vatika kit | Nutritional management | Nutritional Security | 150 | 150 unit | Continue | | | | | | | | | | |

| | | | | | | | | | | |
|-------------------------------|--|--|--|--|--|--|--|--|--|--|
| Sesame | | | | | | | | | | |
| Sunflower | | | | | | | | | | |
| Groundnut | | | | | | | | | | |
| Soybean | | | | | | | | | | |
| Others (Pl. specify) | | | | | | | | | | |
| Total Oilseeds | | | | | | | | | | |
| Pulses | | | | | | | | | | |
| Greengram | | | | | | | | | | |
| Blackgram | | | | | | | | | | |
| Bengalgram | | | | | | | | | | |
| Redgram | | | | | | | | | | |
| Others (Pl. specify) | | | | | | | | | | |
| Total Pulses | | | | | | | | | | |
| Vegetable crops | | | | | | | | | | |
| Bottle gourd | | | | | | | | | | |
| Capsicum | | | | | | | | | | |
| Cucumber | | | | | | | | | | |
| Tomato | | | | | | | | | | |
| Brinjal | | | | | | | | | | |
| Okra | | | | | | | | | | |
| Onion | | | | | | | | | | |
| Potato | | | | | | | | | | |
| Field bean | | | | | | | | | | |
| Others (Pl. specify) | | | | | | | | | | |
| Total Veg. Crops | | | | | | | | | | |
| Commercial Crops | | | | | | | | | | |
| Cotton | | | | | | | | | | |
| Coconut | | | | | | | | | | |
| Others (Pl. specify) | | | | | | | | | | |
| Total Commercial Crops | | | | | | | | | | |
| Fodder crops | | | | | | | | | | |
| Napier (Fodder) | | | | | | | | | | |
| Maize (Fodder) | | | | | | | | | | |
| Sorghum (Fodder) | | | | | | | | | | |
| Others (Pl. specify) | | | | | | | | | | |
| Total Fodder Crops | | | | | | | | | | |

* 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

7. Livestock

| 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 |
| Dairy | Dairy management | Insemination of sorted semen in cow | 20 | 20 unit | Inseminated all 20 cows | | | | | | | | | | | | |
| Dairy (SC/SP) Milk Can (2lit.capacity) | Milk storage | Clean milk production | 50 | 50 | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Buffalo | | | | | | | | | | | | | | | | | |
| Poultry (Sonali) under SCSP | Poultry management | Backyard Poultry farming | 80 | 80 unit | Continue | | | | | | | | | | | | |
| Fodder Management | Fodder management | Green fodder production | 31 | 1.0 | 11.20 | 9.63 | 1.58 | - | - | 53900 | 84000 | 30100 | 1.5 | 48500 | 72150 | 23650 | 1.4 |
| Rabbitry | | | | | | | | | | | | | | | | | |
| Piggery | | | | | | | | | | | | | | | | | |
| Goats (SC/SP) (Black Bengal (8Female +1Male) | Goat management | Goat Kid production | 8 | 9 | Average body weight 18.6Kg/goat after 6 th months of age) | Average body weight 17.3Kg/goat after 6 th months of age) | 1.3kg | - | - | 41900 | 66960 | 25060 | 1.5 | 40400 | 46710 | 6310 | 1.1 |

| | | | | | | | | | | | | | | | | |
|---------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| 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

10. Women empowerment

| Name of technology | No. of demonstrations | Name of technology | Observations | | No. of Beneficiaries |
|-------------------------|-----------------------|----------------------|--------------|---------------|----------------------|
| | | | Check | Demonstration | |
| Women | | | | | |
| Drudgery Reduction | | | | | |
| Enterprises | | | | | |
| Farming System | | | | | |
| Health and nutrition | | | | | |
| Kitchen Garden | 150 | Kitchen Garden | Continue | | 150 |
| Nutri garden | 50 | Vegetable production | Continue | | 50 |
| Storage Technique | | | | | |
| Value addition | | | | | |
| Women Empowerment | | | | | |
| Others | | | | | |
| Total - Women | | | | | |
| Children | | | | | |
| Health and nutrition | | | | | |
| Others | | | | | |
| Total - Children | | | | | |
| Other if any | | | | | |
| Total others | | | | | |
| Grand Total | 200 | | | | 200 |

11. Farm implements and machinery

| Category | No. of FLDs | Name of the implement | Crop | No. of Farmer | Area (ha) | Filed observation (output/man hour) | | % change in major parameter | Labor reduction (man days) | Cost reduction (Rs./ha or Rs./Unit) |
|---|-------------|---------------------------------------|------------------|---------------|-----------|-------------------------------------|-------|-----------------------------|----------------------------|-------------------------------------|
| | | | | | | Demonstration | Check | | | |
| Sowing and planting tools and machineries | | | | | | | | | | |
| Total Sowing and planting Machineries | | | | | | | | | | |
| Intercultural operation tools and machineries | | | | | | | | | | |
| Irrigation management tools and machineries | | | | | | | | | | |
| Plant protection tools and machineries | | | | | | | | | | |
| Harvesting tools and machineries | | | | | | | | | | |
| Postharvest processing tools and machineries | | | | | | | | | | |
| Total mechanization tools and machineries | | | | | | | | | | |
| Others (Kharif 2023) | 1 | Use of Fertilizer Broadcaster machine | Paddy (R. Sweta) | 15 | 6.0 | 39.4 | 37.1 | 7.28 | 8 | 1500 |
| Total of Others | | | | | | | | | | |

Extension and Training activities under FLD

| Sl.No. | Activity | Date | No. of activities organized | Number of participants | Remarks |
|--------|--------------------------------------|---------------------------|-----------------------------|------------------------|--------------------------|
| 1. | Field days | 30.11.2023, 15.09.2023 | 2 | 43 | Use of Fert. broadcaster |
| 2. | Farmers Training | 30.11.2023, 15.09.2023 | 2 | 43 | - |
| 3. | Media coverage | - | - | - | - |
| 4. | Training for extension functionaries | - | - | - | - |

Technical Feedback on the demonstrated technologies (if any)

| Sl. No | Crop | Feed Back |
|--------|-----------------------|---|
| 1 | Paddy | Uniform application of fertilizer & time saving upto 40% by the use of fertilizer broadcaster |
| 2 | Poultry chicks Sonali | Average body weight 1.2 kg/bird (Sonali) after 5 months of age and less than 5% mortality |
| 3 | Goat | Body weight of Black Bengal increase 1.3kg more than local breed of goat within 6 month |

A. PERFORMANCE OF THE DEMONSTRATION UNDER CFLD ON PULSE AND OILSEED CROPS (CFLD)

(During Kharif, Rabi and Summer)

1. Technical Parameters:

| Sl. No. | Crop demonstrated | Existing (Farmer's) variety name | Existing yield (q/ha) 7 years | Yield gap (Kg/ha) w.r.to | | | Name of Variety + Technology demonstrated | Number of farmers | Area in ha | Yield obtained (q/ha) | | | Yield gap minimized (%) | | |
|---------|---------------------------|----------------------------------|-------------------------------|--------------------------|-----------------|---------------------|---|-------------------|------------|-----------------------|------|------|-------------------------|------|-----|
| | | | | District yield (D) | State yield (S) | Potential yield (P) | | | | Max. | Min. | Av. | D | S | P |
| | | | | | | | | | | | | | | | |
| 1 | Mustard (PM-30) (2022-23) | Local | 29.63 | 40 | 36 | 32 | Improved seed, Pest Management-Imidacloprid 17.8% SL Disease Management-Sulphur Field Day organized | 50 | 20 | 18.3 | 17.1 | 17.7 | 40 | 57.0 | -21 |
| 2 | Lentil (IPL-220) | Local | | | | | Improved variety | 65 | 20 | Continue | | | | | |
| 3 | Mustard (RH-725) | Local | | | | | Improved variety | 51 | 20 | Continue | | | | | |

2. Economic parameters

| Sl. No. | Variety demonstrated & Technology demonstrated | Farmer's Existing plot | | | | Demonstration plot | | | |
|---------|---|------------------------|----------------------|--------------------|-----------|--------------------|----------------------|--------------------|-----------|
| | | Gross Cost (Rs/ha) | Gross return (Rs/ha) | Net Return (Rs/ha) | B:C ratio | Gross Cost (Rs/ha) | Gross return (Rs/ha) | Net Return (Rs/ha) | B:C ratio |
| 1 | Improved seed, PSB Pest Management-Imidacloprid 17.8% SL Disease Management- Carbendizim 12% + Mancozeb 63% WP Field Day organized | 25000 | 106400 | 81400 | 4.25 | 22300 | 56640 | 34340 | 2.53 |

3. Socio-economic impact parameters

| Sl. No. | Crop and variety Demonstrated | Total Produce Obtained (kg) | Produce sold (Kg/household) | Selling Rate (Rs/Kg) | Produce used for own sowing (Kg) | Produce distributed to other farmers (Kg) | Purpose for which income gained was utilized | Employment Generated (Mandays/house hold) |
|---------|-------------------------------|-----------------------------|-----------------------------|----------------------|----------------------------------|---|--|---|
| 1 | Mustard (PM-30) | 6.2 | 400 | 60 | 2 | 40 | For family livelihood | 13 |

B. Pulses/Oilseed Farmers' perception of the intervention demonstrated

| Sl. No. | Technologies demonstrated (with name) | Farmers' Perception parameters | | | | | |
|-----------------|--|---|----------------------|------------------------------|---------------------|--|---|
| | | Suitability to their farming system | Likings (Preference) | Affordability | Any negative effect | Is Technology acceptable to all in the group/village | Suggestions, for change/improvement, if any |
| Mustard (PM-30) | Improved seed, PSB Pest Management-Imidacloprid 17.8% SL Disease Management- Carbendizim 12% + Mancozeb 63% WP | Liked by farmers as It bears good yield potential | Affordable | Lack of irrigation facility. | Yes | Micro-irrigation facility needed. | |

C. Specific Characteristics of Technology and Performance

| Specific Characteristic | Performance | Performance of Technology vis-a vis Local Check | Farmers Feedback |
|-------------------------|----------------------|---|--|
| High yielding | Average Yield 15q/ha | The per cent yield increase over local check is 26.67 | Farmers are on the benefit side with this potential new variety. |

D. Extension activities under FLD conducted:

| Sl. No. | Extension Activities organized | Date and place of activity | Number of farmers attended |
|---------|--------------------------------|----------------------------|----------------------------|
| 1 | Field day | 06.02.2023, Vill- Sahpur | 65 |
| 2 | Field day | 17.02.2023, Vill- Sakrorha | 59 |

E. Sequential good quality photographs (as per crop stages i.e. growth & development)



F. Farmers' training photographs



G. Quality Action Photographs of field visits/field days and technology demonstrated.

H. Details of budget utilization

| Crop (2022-23) (Provide crop wise information) | Items | Budget Received(Rs.) | Budget Utilization(Rs.) | Balance (Rs.) |
|---|---------------------------------------|-----------------------------|--------------------------------|----------------------|
| CFLD Mustard Var. PM 30 | i) Critical input | | | |
| | ii) TA/DA/POL etc. for monitoring | | | |
| | iii) Extension Activities (Field Day) | | | |
| | iv)Publication of literature | | | |
| | Total | | | |

| Crop (2023-24) (Provide crop wise information) | Items | Budget Received(Rs.) | Budget Utilization(Rs.) | Balance (Rs.) |
|---|---------------------------------------|-----------------------------|--------------------------------|----------------------|
| CFLD Mustard Var.RH-725 | i) Critical input | 120000 | 110000 | 10000 |
| | ii) TA/DA/POL etc. for monitoring | | | |
| | iii) Extension Activities (Field Day) | | | |
| | iv)Publication of literature | | | |
| | Total | 120000 | 110000 | 10000 |
| CFLD Lentil var. IPL-220 | i) Critical input | 120000 | 67,427.00 | 52573 |
| | ii) TA/DA/POL etc. for monitoring | | | |
| | iii) Extension Activities (Field Day) | | | |
| | iv)Publication of literature | | | |
| | Total | 120000 | 67,427.00 | 52573 |

| 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 |
| Planting material production | | | | | | | | | | | | | |
| Bio-agents production | | | | | | | | | | | | | |
| Bio-pesticides production | | | | | | | | | | | | | |
| Bio-fertilizer production | | | | | | | | | | | | | |
| Vermi-compost production | | | | | | | | | | | | | |
| Organic manures production | | | | | | | | | | | | | |
| Production of fry and fingerlings | | | | | | | | | | | | | |
| Production of Bee-colonies and wax sheets | | | | | | | | | | | | | |
| Small tools and implements | | | | | | | | | | | | | |
| Production of livestock feed and fodder | | | | | | | | | | | | | |
| Production of Fish feed | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| X. Capacity Building and Group Dynamics | | | | | | | | | | | | | |
| Leadership development | | | | | | | | | | | | | |
| Group dynamics | | | | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | | | | |
| Mobilization of social capital | | | | | | | | | | | | | |
| Entrepreneurial development of farmers/youths | | | | | | | | | | | | | |
| WTO and IPR issues | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| XI Agro-forestry | | | | | | | | | | | | | |
| Production technologies | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |
| Integrated Farming Systems | | | | | | | | | | | | | |
| XII. Others (Pl. Specify) | | | | | | | | | | | | | |
| TOTAL | 57 | 1047 | 342 | 1389 | 313 | 520 | 833 | 0 | 0 | 0 | 1360 | 862 | 2222 |

B) Rural Youth including the sponsored training programmes(on campus)

| 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 |
| Mushroom Production | | | | | | | | | | | | | |
| Bee-keeping | 1 | 19 | 0 | 19 | 12 | 2 | 14 | 0 | 0 | 0 | 31 | 2 | 33 |
| Integrated farming | 1 | 16 | 4 | 20 | 5 | 0 | 5 | 0 | 0 | 0 | 21 | 4 | 25 |
| Seed production | 1 | 35 | 3 | 38 | 6 | 6 | 12 | 0 | 0 | 0 | 41 | 9 | 50 |
| Production of organic inputs | | | | | | | | | | | | | |
| Integrated Farming | | | | | | | | | | | | | |
| Planting material production | | | | | | | | | | | | | |
| Vermi-culture | | | | | | | | | | | | | |
| Sericulture | | | | | | | | | | | | | |
| Protected cultivation of vegetable crops | | | | | | | | | | | | | |
| Commercial fruit production | | | | | | | | | | | | | |
| Repair and maintenance of farm machinery and implements | 10 | 135 | 24 | 159 | 56 | 36 | 92 | 0 | 0 | 0 | 191 | 60 | 251 |
| Nursery Management of Horticulture crops | | | | | | | | | | | | | |
| Training and pruning of orchards | | | | | | | | | | | | | |
| Value addition | 1 | 10 | 0 | 10 | 3 | 1 | 4 | 0 | 0 | 0 | 13 | 1 | 14 |

| 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 |
| Others, if any(INM) | | | | | | | | | | | | | |
| c) Ornamental Plants | | | | | | | | | | | | | |
| Nursery Management | | | | | | | | | | | | | |
| Management of potted plants | | | | | | | | | | | | | |
| Export potential of ornamental plants | | | | | | | | | | | | | |
| Propagation techniques of Ornamental Plants | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| d) Plantation crops | | | | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| e) Tuber crops | | | | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| f) Spices | | | | | | | | | | | | | |
| Production and Management technology | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| g) Medicinal and Aromatic Plants | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | |
| Production and management technology | | | | | | | | | | | | | |
| Post-harvest technology and value addition | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| III. Soil Health and Fertility Management | | | | | | | | | | | | | |
| Soil fertility management | | | | | | | | | | | | | |
| Soil and Water Conservation | | | | | | | | | | | | | |
| Integrated Nutrient Management | | | | | | | | | | | | | |
| Production and use of organic inputs | | | | | | | | | | | | | |
| Management of Problematic soils | | | | | | | | | | | | | |
| Micro nutrient deficiency in crops | | | | | | | | | | | | | |
| Nutrient Use Efficiency | | | | | | | | | | | | | |
| Soil and Water Testing | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| IV. Livestock Production and Management | | | | | | | | | | | | | |
| Dairy Management | | | | | | | | | | | | | |
| Poultry Management | 1 | 10 | 0 | 10 | 7 | 10 | 17 | 0 | 0 | 0 | 17 | 10 | 27 |
| Piggery Management | | | | | | | | | | | | | |
| Rabbit Management | | | | | | | | | | | | | |
| Disease Management | 18 | 412 | 51 | 463 | 134 | 231 | 365 | 0 | 0 | 0 | 546 | 282 | 828 |
| Feed management | 2 | 17 | 3 | 20 | 7 | 30 | 37 | 0 | 0 | 0 | 24 | 33 | 57 |
| Production of quality animal products | 6 | 114 | 16 | 130 | 11 | 27 | 38 | 0 | 0 | 0 | 125 | 43 | 168 |

| 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 | | | |
| Seed production | 1 | 12 | 3 | 15 | 5 | 3 | 8 | 0 | 0 | 0 | 17 | 6 | 23 |
| Production of organic inputs | | | | | | | | | | | | | |
| Integrated Farming | | | | | | | | | | | | | |
| Planting material production | | | | | | | | | | | | | |
| Vermi-culture | | | | | | | | | | | | | |
| Sericulture | | | | | | | | | | | | | |
| Protected cultivation of vegetable crops | | | | | | | | | | | | | |
| Commercial fruit production | | | | | | | | | | | | | |
| Repair and maintenance of farm machinery and implements | 1 | 32 | 4 | 36 | 2 | 0 | 2 | 0 | 0 | 0 | 34 | 4 | 38 |
| Nursery Management of Horticulture crops | | | | | | | | | | | | | |
| Training and pruning of orchards | | | | | | | | | | | | | |
| Value addition | 1 | 12 | 12 | 24 | 10 | 7 | 17 | 0 | 0 | 0 | 22 | 19 | 41 |
| Production of quality animal products | 2 | 22 | 22 | 44 | 1 | 2 | 3 | 0 | 0 | 0 | 23 | 24 | 47 |
| Dairying | | | | | | | | | | | | | |
| Sheep and goat rearing | | | | | | | | | | | | | |
| Quail farming | | | | | | | | | | | | | |
| Piggery | | | | | | | | | | | | | |
| Rabbit farming | | | | | | | | | | | | | |
| Poultry production | 1 | 17 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 17 |
| Ornamental fisheries | | | | | | | | | | | | | |
| Para vets | | | | | | | | | | | | | |
| Para extension workers | | | | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | | | | |
| Freshwater prawn culture | | | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | | | |
| Cold water fisheries | | | | | | | | | | | | | |
| Fish harvest and processing technology | | | | | | | | | | | | | |
| Fry and fingerling rearing | | | | | | | | | | | | | |
| Small scale processing | | | | | | | | | | | | | |
| Post-Harvest Technology | | | | | | | | | | | | | |
| Tailoring and Stitching | | | | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | | | | |
| Mother & child care | 1 | 12 | 15 | 27 | 10 | 7 | 17 | 0 | 0 | 0 | 22 | 22 | 44 |
| Others IPM | 4 | 99 | 37 | 136 | 19 | 8 | 27 | 0 | 0 | 0 | 118 | 45 | 163 |
| Disease management | 5 | 73 | 8 | 81 | 18 | 9 | 27 | 0 | 0 | 0 | 91 | 17 | 108 |
| TOTAL | | 27 | 10 | | | | 10 | | | | | 13 | |
| | 16 | 9 | 1 | 380 | 65 | 36 | 1 | 0 | 0 | 0 | 344 | 7 | 481 |

F) Extension Personnel including the sponsored training programmes(Off Campus)

| 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 | | | |
| Productivity enhancement in field crops | | | | | | | | | | | | | |
| Integrated Pest Management | 2 | 58 | 0 | 58 | 19 | 0 | 19 | 0 | 0 | 0 | 77 | 0 | 77 |

| 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 |
| Nursery management | | | | | | | | | | | | | |
| Production and management technology | | | | | | | | | | | | | |
| Post harvest technology and value addition | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| III. Soil Health and Fertility Management | | | | | | | | | | | | | |
| Soil fertility management | | | | | | | | | | | | | |
| Soil and Water Conservation | | | | | | | | | | | | | |
| Integrated Nutrient Management | | | | | | | | | | | | | |
| Production and use of organic inputs | | | | | | | | | | | | | |
| Management of Problematic soils | | | | | | | | | | | | | |
| Micro nutrient deficiency in crops | | | | | | | | | | | | | |
| Nutrient Use Efficiency | | | | | | | | | | | | | |
| Soil and Water Testing | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | |
| IV. Livestock Production and Management | | | | | | | | | | | | | |
| Dairy Management | 1 | 51 | 8 | 59 | 6 | 5 | 11 | 0 | 0 | 0 | 57 | 13 | 70 |
| Poultry Management | | | | | | | | | | | | | 24 |
| | 6 | 52 | 0 | 52 | 63 | 125 | 188 | 0 | 0 | 0 | 115 | 125 | 0 |
| Piggery Management | | | | | | | | | | | | | |
| Rabbit Management | | | | | | | | | | | | | |
| Disease Management | | | | | 14 | | | | | | | | 88 |
| | 19 | 455 | 57 | 512 | 2 | 233 | 375 | 0 | 0 | 0 | 597 | 290 | 7 |
| Feed management | 2 | 17 | 3 | 20 | 7 | 30 | 37 | 0 | 0 | 0 | 24 | 33 | 57 |
| Production of quality animal products | | | | | | | | | | | | | 16 |
| | 6 | 114 | 16 | 130 | 11 | 27 | 38 | 0 | 0 | 0 | 125 | 43 | 8 |
| Others, if any (Goat farming) | | | | | | | | | | | | | |
| Nutritional management | | | | | | | | | | | | | 38 |
| | 5 | 134 | 92 | 226 | 29 | 131 | 160 | 0 | 0 | 0 | 163 | 223 | 6 |
| TOTAL | | | | | 25 | | | | | | 108 | | 18 |
| | 39 | 823 | 176 | 999 | 8 | 551 | 809 | 0 | 0 | 0 | 1 | 727 | 08 |
| V. Home Science/Women empowerment | | | | | | | | | | | | | |
| Household food security by kitchen gardening and nutrition gardening | | | | | | | | | | | | | |
| Design and development of low/minimum cost diet | | | | | | | | | | | | | |
| Designing and development for high nutrient efficiency diet | | | | | | | | | | | | | |
| Minimization of nutrient loss in processing | | | | | | | | | | | | | |
| Gender mainstreaming through SHGs | | | | | | | | | | | | | |
| Storage loss minimization techniques | | | | | | | | | | | | | |
| Enterprise development | | | | | | | | | | | | | |
| Value addition | 5 | 107 | 17 | 124 | 44 | 18 | 62 | 0 | 0 | 0 | 151 | 35 | 186 |
| Income generation activities for empowerment of rural Women | | | | | | | | | | | | | |
| Location specific drudgery reduction technologies | 1 | 18 | 3 | 21 | 7 | 14 | 21 | 0 | 0 | 0 | 25 | 17 | 42 |

| 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 | | | | |
| Planting material production | | | | | | | | | | | | | | |
| Bio-agents production | | | | | | | | | | | | | | |
| Bio-pesticides production | | | | | | | | | | | | | | |
| Bio-fertilizer production | | | | | | | | | | | | | | |
| Vermi-compost production | | | | | | | | | | | | | | |
| Organic manures production | | | | | | | | | | | | | | |
| Production of fry and fingerlings | | | | | | | | | | | | | | |
| Production of Bee-colonies and wax sheets | | | | | | | | | | | | | | |
| Small tools and implements | | | | | | | | | | | | | | |
| Production of livestock feed and fodder | | | | | | | | | | | | | | |
| Production of Fish feed | | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | | |
| X. Capacity Building and Group Dynamics | | | | | | | | | | | | | | |
| Leadership development | | | | | | | | | | | | | | |
| Group dynamics | | | | | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | | | | | |
| Mobilization of social capital | | | | | | | | | | | | | | |
| Entrepreneurial development of farmers/youths | | | | | | | | | | | | | | |
| WTO and IPR issues | | | | | | | | | | | | | | |
| Others, if any | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | | |
| XI Agro-forestry | | | | | | | | | | | | | | |
| Production technologies | | | | | | | | | | | | | | |
| Nursery management | | | | | | | | | | | | | | |
| Integrated Farming Systems | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | | |
| XII. Others (Pl. specify) | | | | | | | | | | | | | | |
| TOTAL | | 121 | 2309 | 551 | 2860 | 668 | 1117 | 1785 | 0 | 0 | 0 | 2977 | 1668 | 46 45 |

ii. RURAL YOUTH (On and Off Campus)

| 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 | | | | |
| Mushroom Production | | | | | | | | | | | | | | |
| Bee-keeping | 1 | 19 | 0 | 19 | 12 | 2 | 14 | 0 | 0 | 0 | 31 | 2 | 33 | |
| Integrated farming | 1 | 16 | 4 | 20 | 5 | 0 | 5 | 0 | 0 | 0 | 21 | 4 | 25 | |
| Seed production | 2 | 47 | 6 | 53 | 11 | 9 | 20 | 0 | 0 | 0 | 58 | 15 | 73 | |
| Production of organic inputs | | | | | | | | | | | | | | |
| Planting material production | | | | | | | | | | | | | | |
| Vermi-culture | | | | | | | | | | | | | | |
| Sericulture | | | | | | | | | | | | | | |
| Protected cultivation of vegetable crops | | | | | | | | | | | | | | |
| Commercial fruit production | | | | | | | | | | | | | | |
| Repair and maintenance of farm | 11 | 167 | 28 | 195 | 58 | 36 | 94 | 0 | 0 | 0 | 225 | 64 | 289 | |

| 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 |
| machinery and implements | | | | | | | | | | | | | |
| Nursery Management of Horticulture crops | | | | | | | | | | | | | |
| Training and pruning of orchards | | | | | | | | | | | | | |
| Value addition | 2 | 22 | 12 | 34 | 13 | 8 | 21 | 0 | 0 | 0 | 35 | 20 | 55 |
| Production of quality animal products | 2 | 22 | 22 | 44 | 1 | 2 | 3 | 0 | 0 | 0 | 23 | 24 | 47 |
| Dairying | 2 | 22 | 11 | 33 | 24 | 26 | 50 | 0 | 0 | 0 | 46 | 37 | 83 |
| Sheep and goat rearing | 2 | 18 | 1 | 19 | 23 | 38 | 61 | 0 | 0 | 0 | 41 | 39 | 80 |
| Quail farming | | | | | | | | | | | | | |
| Piggery | | | | | | | | | | | | | |
| Rabbit farming | | | | | | | | | | | | | |
| Poultry production | 1 | 17 | 0 | 17 | 0 | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 17 |
| Ornamental fisheries | | | | | | | | | | | | | |
| Para vets | | | | | | | | | | | | | |
| Para extension workers | | | | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | | | | |
| Freshwater prawn culture | | | | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | | | | |
| Pearl culture | | | | | | | | | | | | | |
| Cold water fisheries | | | | | | | | | | | | | |
| Fish harvest and processing technology | | | | | | | | | | | | | |
| Fry and fingerling rearing | | | | | | | | | | | | | |
| Small scale processing | | | | | | | | | | | | | |
| Post-Harvest Technology | | | | | | | | | | | | | |
| Tailoring and Stitching | | | | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | | | | |
| Enterprise development | | | | | | | | | | | | | |
| IPM | 7 | 143 | 56 | 199 | 32 | 23 | 55 | 0 | 0 | 0 | 175 | 79 | 254 |
| Integrated weed management | 1 | 29 | 0 | 29 | 8 | 0 | 8 | 0 | 0 | 0 | 37 | 0 | 37 |
| Nutritional management | 2 | 37 | 10 | 47 | 9 | 5 | 14 | 0 | 0 | 0 | 46 | 15 | 61 |
| Artificial insemination | 1 | 14 | 14 | 28 | 4 | 8 | 12 | 0 | 0 | 0 | 18 | 22 | 40 |
| Mother & child care | 1 | 12 | 15 | 27 | 10 | 7 | 17 | 0 | 0 | 0 | 22 | 22 | 44 |
| Disease management | 5 | 73 | 8 | 81 | 18 | 9 | 27 | 0 | 0 | 0 | 91 | 17 | 108 |
| Others if any (ICT application in agriculture) | | | | | | | | | | | | | |
| TOTAL | 41 | 658 | 187 | 845 | 228 | 173 | 401 | 0 | 0 | 0 | 886 | 360 | 1246 |

iii. Extension Personnel (On and Off Campus)

| 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 | | | |
| Productivity enhancement in field crops | | | | | | | | | | | | | |
| Integrated Pest Management | 2 | 58 | 0 | 58 | 19 | 0 | 19 | 0 | 0 | 0 | 77 | 0 | 77 |
| Integrated Nutrient management | | | | | | | | | | | | | |
| Rejuvenation of old orchards | | | | | | | | | | | | | |
| Value addition | | | | | | | | | | | | | |
| Protected cultivation technology | | | | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | | | | |
| Group Dynamics and farmers organization | | | | | | | | | | | | | |
| Information networking among farmers | | | | | | | | | | | | | |
| Capacity building for ICT application | | | | | | | | | | | | | |
| Care and maintenance of farm machinery and implements | 3 | 86 | 37 | 123 | 5 | 19 | 24 | 0 | 0 | 0 | 119 | 28 | 147 |
| WTO and IPR issues | | | | | | | | | | | | | |
| Management in farm animals | 2 | 52 | 0 | 52 | 5 | 0 | 5 | 0 | 0 | 0 | 57 | 0 | 57 |
| Livestock feed and fodder production | | | | | | | | | | | | | |
| Household food security | | | | | | | | | | | | | |
| Women and Child care | | | | | | | | | | | | | |
| Low cost and nutrient efficient diet designing | | | | | | | | | | | | | |
| Production and use of organic inputs | | | | | | | | | | | | | |
| Gender mainstreaming through SHGs | | | | | | | | | | | | | |
| Crop intensification | | | | | | | | | | | | | |
| Others if any Water conservation | 1 | 48 | 6 | 54 | 4 | 2 | 6 | 0 | 0 | 0 | 52 | 8 | 60 |
| Disease management | 1 | 18 | 6 | 24 | 2 | 1 | 3 | 0 | 0 | 0 | 20 | 7 | 27 |
| Rural craft | 1 | 16 | 0 | 16 | 14 | 0 | 14 | 0 | 0 | 0 | 30 | 0 | 30 |
| TOTAL | 10 | 278 | 49 | 327 | 49 | 22 | 71 | 0 | 0 | 0 | 355 | 43 | 398 |

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 SC/ST | | | Number of participants (others) | | | Over all participants |
|-------------------------|-----------|--|------------------|-------------------------|-----------------|----|-------|---------------------------------|----|-------|-----------------------|
| | | | | | M | F | Total | M | F | Total | |
| Agronomy | PF | Organic cultivation of rabi crop | 1 | On | 0 | 10 | 10 | 5 | 10 | 15 | 25 |
| Agronomy | PF | production of paddy oilseed/ pulse cropping system | 1 | Off | 0 | 5 | 5 | 24 | 0 | 24 | 29 |
| Agronomy | PF | Scientific cultivation of zero tillage sown wheat | 1 | Off | 0 | 0 | 0 | 20 | 0 | 20 | 20 |
| Agronomy | PF | Scientific cultivation of vegetable pea | 1 | Off | 5 | 0 | 5 | 16 | 0 | 16 | 21 |
| Agronomy | PF | Intercropping of coriander | 1 | Off | 7 | 0 | 7 | 18 | 0 | 18 | 25 |
| Agronomy | PF | Scientific cultivation on wheat | 1 | Off | 4 | 0 | 4 | 20 | 0 | 20 | 24 |
| Agronomy | PF | Application of Nitrogenous, fertilizers, sulphur, zinc in wheat | 1 | Off | 5 | 0 | 5 | 13 | 3 | 16 | 21 |
| Agronomy | RY | Seed production techniques of Potato | 1 | Off | 5 | 3 | 8 | 12 | 3 | 15 | 23 |
| Agronomy | RY | Seed production techniques of Oat | 1 | On | 6 | 6 | 12 | 35 | 3 | 38 | 50 |
| Agriculture Engineering | PF | Use and benefits of Laser land leveler | 1 | On | 2 | 2 | 4 | 30 | 3 | 33 | 37 |
| Agriculture Engineering | PF | Use and operation of Micro irrigation system | 1 | On | 3 | 2 | 5 | 24 | 4 | 28 | 33 |
| Agriculture Engineering | PF | Use and importance of laser land leveling | 1 | On | 2 | 2 | 4 | 20 | 8 | 28 | 32 |
| Agriculture Engineering | PF | Use of sprinkler irrigation system | 1 | Off | 1 | 0 | 1 | 18 | 0 | 18 | 19 |
| Agriculture Engineering | PF | Techniques of moisture conservation & micro irrigation system | 1 | Off | 4 | 3 | 7 | 18 | 1 | 19 | 26 |
| Agriculture Engineering | PF | Implements used for rice cultivation under climate resilient agriculture | 1 | On | 2 | 4 | 6 | 23 | 3 | 26 | 32 |
| Agriculture Engineering | PF | Use of improved tillage | 1 | On | 1 | 1 | 2 | 21 | 2 | 23 | 25 |

| | | | | | | | | | | | |
|-------------------------|----|--|---|-----|----|----|----|----|----|----|----|
| | | implements | | | | | | | | | |
| Agriculture Engineering | PF | Use of improved sowing implements | 1 | Off | 0 | 2 | 2 | 22 | 3 | 25 | 27 |
| Agriculture Engineering | PF | Sowing implements for millets | 1 | Off | 13 | 10 | 23 | 0 | 0 | 0 | 23 |
| Agriculture Engineering | PF | Role and importance of processing equipments for millets | 1 | Off | 3 | 91 | 94 | 1 | 1 | 2 | 96 |
| Agriculture Engineering | PF | Operation, care & maintenance of sowing and planting machines for rice cultivation | 1 | Off | 6 | 0 | 6 | 41 | 1 | 42 | 48 |
| Agriculture Engineering | PF | Rain water harvesting & efficient use | 1 | On | 2 | 2 | 4 | 6 | 15 | 21 | 25 |
| Agriculture Engineering | PF | Operation and maintenance of DSR implements | 1 | On | 3 | 0 | 3 | 29 | 0 | 29 | 32 |
| Agriculture Engineering | PF | maize sowing by raised bed planter | 1 | Off | 6 | 0 | 6 | 33 | 1 | 34 | 40 |
| Agriculture Engineering | PF | Water conservation in rice through field bunding | 1 | Off | 2 | 2 | 4 | 2 | 8 | 10 | 14 |
| Agriculture Engineering | PF | Alternate wetting drying irrigation in rice | 1 | On | 4 | 20 | 24 | 18 | 5 | 23 | 47 |
| Agriculture Engineering | PF | Improved sowing implements | 1 | On | 8 | 16 | 24 | 24 | 18 | 42 | 66 |
| Agriculture Engineering | PF | Use of improved weeding implements | 1 | On | 6 | 18 | 24 | 21 | 4 | 25 | 49 |
| Agriculture Engineering | PF | Water management in kharif Maize | 1 | On | 2 | 4 | 6 | 8 | 10 | 18 | 24 |
| Agriculture Engineering | PF | Equipments for weed control in rice | 1 | ON | 4 | 1 | 5 | 33 | 0 | 33 | 38 |
| Agriculture Engineering | PF | Alternate wetting & drying method of irrigation water management in rice | 1 | ON | 7 | 3 | 10 | 38 | 1 | 39 | 49 |
| Agriculture Engineering | PF | Irrigation water management in maize | 1 | ON | 3 | 1 | 4 | 26 | 1 | 27 | 31 |
| Agriculture Engineering | PF | raised bed technique of maize cultivation | 1 | ON | 4 | 24 | 28 | 16 | 6 | 22 | 50 |
| Agriculture Engineering | PF | Irrigation techniques of raised Bed | 1 | On | 3 | 5 | 8 | 16 | 6 | 22 | 30 |

| | | | | | | | | | | | | |
|-------------------------|----|---|---|-----|----|----|----|----|----|----|----|--|
| | | Maize | | | | | | | | | | |
| Agriculture Engineering | PF | Improved equipments for paddy harvesting | 1 | On | 2 | 1 | 3 | 10 | 0 | 10 | 13 | |
| Agriculture Engineering | PF | Operation and care of crop harvesting and threshing machineries | 1 | Off | 2 | 1 | 3 | 16 | 2 | 18 | 21 | |
| Agriculture Engineering | PF | Use & operation of drone in agricultural work | 1 | Off | 2 | 4 | 6 | 16 | 12 | 28 | 34 | |
| Agriculture Engineering | PF | Operation and maintenance of happy seeder & ZTT | 1 | Off | 4 | 5 | 9 | 11 | 16 | 27 | 36 | |
| Agriculture Engineering | RY | Repair & maintenance of harvesting machines | 1 | On | 2 | 2 | 4 | 21 | 3 | 24 | 28 | |
| Agriculture Engineering | RY | Custom hiring of agricultural machines | 1 | Off | 2 | 0 | 2 | 32 | 4 | 36 | 38 | |
| Agriculture Engineering | RY | Custom hiring of agricultural machines | 1 | On | 2 | 0 | 2 | 21 | 0 | 21 | 23 | |
| Agriculture Engineering | RY | Use, maintenance and repair of agricultural machineries | 1 | On | 3 | 1 | 4 | 28 | 0 | 28 | 32 | |
| Agriculture Engineering | RY | Operation & maintenance of crop harvesting equipments | 1 | On | 1 | 3 | 4 | 12 | 4 | 16 | 20 | |
| Agriculture Engineering | RY | Use, repair & maintenance of intercultural and spray equipments | 5 | On | 21 | 7 | 28 | 0 | 0 | 0 | 28 | |
| Agriculture Engineering | RY | Operation and maintenance of DSR implements | 2 | On | 6 | 0 | 6 | 21 | 0 | 21 | 27 | |
| Agriculture Engineering | RY | Maize sowing by raised bed planter | 1 | ON | 2 | 0 | 2 | 15 | 2 | 17 | 19 | |
| Agriculture Engineering | RY | farm implements, its repairing and maintenance | 2 | On | 1 | 18 | 19 | 2 | 13 | 15 | 34 | |
| Agriculture Engineering | RY | Operation, repair maintenance and care of ZTT | 2 | On | 2 | 1 | 3 | 15 | 2 | 17 | 20 | |
| Agriculture Engineering | RY | Repair and maintenance of improved sowing implements | 2 | On | 16 | 4 | 20 | 0 | 0 | 0 | 20 | |
| Agriculture Engineering | EF | Use of crop residue management implements for | 2 | On | 4 | 2 | 6 | 48 | 6 | 54 | 60 | |

| | | | | | | | | | | | |
|-------------------------|----|--|---|-----|----|----|----|-----|----|-----|-----|
| | | soil conservation | | | | | | | | | |
| Agriculture Engineering | EF | Use, care and maintenance of machines for millets production | 1 | ON | 1 | 1 | 2 | 5 | 4 | 9 | 11 |
| Agriculture Engineering | EF | Use, care and maintenance of machines for post harvest management | 1 | ON | 0 | 16 | 16 | 0 | 28 | 28 | 44 |
| Agriculture Engineering | EF | Care, maintenance & operation of machineries for crop residue management | 2 | Off | 4 | 2 | 6 | 81 | 5 | 86 | 92 |
| Animal Science | PF | Disease management of cattle | 1 | Off | 10 | 3 | 13 | 53 | 12 | 65 | 78 |
| Animal Science | PF | Disease management of dairy cow | 1 | Off | 2 | 0 | 2 | 17 | 0 | 17 | 19 |
| Animal Science | PF | Disease management of small ruminant | 1 | Off | 5 | 0 | 5 | 16 | 4 | 20 | 25 |
| Animal Science | PF | Feeding management of dairy cattle | 1 | Off | 0 | 0 | 0 | 20 | 0 | 20 | 20 |
| Animal Science | PF | Backyard poultry farming | 2 | On | 14 | 12 | 26 | 0 | 0 | 0 | 26 |
| Animal Science | PF | Control of parasites in cattle | 1 | Off | 4 | 4 | 8 | 17 | 2 | 19 | 27 |
| Animal Science | PF | backyard poultry farming | 1 | On | 20 | 54 | 74 | 0 | 0 | 0 | 74 |
| Animal Science | PF | Disease management of dairy cow | 1 | Off | 3 | 0 | 3 | 16 | 0 | 16 | 19 |
| Animal Science | PF | Care & management of PPR in goats | 1 | Off | 5 | 13 | 18 | 5 | 2 | 7 | 25 |
| Animal Science | PF | Disease management of livestock | 1 | Off | 3 | 0 | 3 | 12 | 5 | 17 | 20 |
| Animal Science | PF | Nutritional management of dairy cattle | 1 | Off | 6 | 0 | 6 | 14 | 2 | 16 | 22 |
| Animal Science | PF | Disease management of poultry | 1 | Off | 21 | 38 | 59 | 0 | 0 | 0 | 59 |
| Animal Science | PF | Awareness about malnutrition | 1 | Off | 3 | 91 | 94 | 1 | 1 | 2 | 96 |
| Animal Science | PF | Vaccination of poultry | 1 | Off | 13 | 40 | 53 | 0 | 0 | 0 | 53 |
| Animal Science | PF | Fodder management of dairy cattle | 1 | Off | 0 | 0 | 0 | 34 | 14 | 48 | 48 |
| Animal Science | PF | Nutritional management of dairy cattle | 1 | Off | 3 | 27 | 30 | 0 | 0 | 0 | 30 |
| Animal | PF | Care and | 1 | Off | 38 | 4 | 42 | 145 | 5 | 150 | 192 |

| | | | | | | | | | | | | |
|----------------|----|---|---|-----|----|----|----|----|----|----|-----|--|
| Science | | management of livestock diseases | | | | | | | | | | |
| Animal Science | PF | Eradication of malnutrition through livestock | 1 | On | 2 | 86 | 88 | 4 | 21 | 25 | 113 | |
| Animal Science | PF | Nutritional management in dairy cattle | 1 | Off | 1 | 0 | 1 | 20 | 0 | 20 | 21 | |
| Animal Science | PF | Disease management of dairy cattle | 1 | Off | 2 | 2 | 4 | 18 | 3 | 21 | 25 | |
| Animal Science | PF | Nutritional management in dairy cattle | 1 | On | 5 | 21 | 26 | 18 | 7 | 25 | 51 | |
| Animal Science | PF | Fodder management in dairy cattle | 1 | On | 8 | 16 | 24 | 24 | 18 | 42 | 66 | |
| Animal Science | PF | Control of reproductive disorders in cattle | 1 | Off | 2 | 0 | 2 | 53 | 0 | 53 | 55 | |
| Animal Science | PF | Disease management of goat | 1 | Off | 0 | 3 | 3 | 17 | 5 | 22 | 25 | |
| Animal Science | PF | Nutritional management of livestock | 1 | Off | 1 | 0 | 1 | 26 | 0 | 26 | 27 | |
| Animal Science | PF | Disease management of poultry | 1 | Off | 7 | 10 | 17 | 10 | 0 | 10 | 27 | |
| Animal Science | PF | Disease management of dairy cattle | 1 | Off | 5 | 0 | 5 | 9 | 12 | 21 | 26 | |
| Animal Science | PF | Disease management of goat | 1 | Off | 16 | 9 | 25 | 0 | 0 | 0 | 25 | |
| Animal Science | PF | Nutritional management of goat | 1 | Off | 3 | 0 | 3 | 17 | 3 | 20 | 23 | |
| Animal Science | PF | Nutritional management of goat farming | 1 | Off | 4 | 30 | 34 | 0 | 0 | 0 | 34 | |
| Animal Science | PF | Organic dairy farming | 1 | On | 6 | 5 | 11 | 51 | 8 | 59 | 70 | |
| Animal Science | PF | Fodder grass use for dairy cattle | 1 | On | 5 | 0 | 5 | 18 | 2 | 20 | 25 | |
| Animal Science | PF | backyard poultry farming | 1 | On | 6 | 0 | 6 | 25 | 0 | 25 | 31 | |
| Animal Science | PF | Nutritional management of dairy cattle | 1 | On | 10 | 5 | 15 | 71 | 14 | 85 | 110 | |
| Animal Science | PF | disease management of dairy cattle | 1 | On | 8 | 2 | 10 | 43 | 6 | 49 | 59 | |
| Animal Science | PF | Disease management of goat | 1 | Off | 0 | 5 | 5 | 24 | 0 | 24 | 29 | |
| Animal Science | PF | poultry farm management | 1 | On | 8 | 7 | 15 | 17 | 0 | 17 | 32 | |
| Animal | PF | Disease | 1 | Off | 2 | 19 | 21 | 9 | 0 | 9 | 30 | |

| | | | | | | | | | | | | |
|----------------|----|---|---|-----|----|----|----|----|----|----|----|--|
| Science | | management of dairy cattle | | | | | | | | | | |
| Animal Science | PF | Nutritional management of dairy cattle | 1 | On | 4 | 3 | 7 | 17 | 32 | 49 | 56 | |
| Animal Science | PF | Backyard poultry farming | 2 | On | 8 | 42 | 50 | 0 | 0 | 0 | 50 | |
| Animal Science | RY | Commercial goat farming | 3 | On | 10 | 11 | 21 | 18 | 1 | 19 | 40 | |
| Animal Science | RY | Disease control of backyard poultry farm | 1 | Off | 0 | 0 | 0 | 17 | 0 | 17 | 17 | |
| Animal Science | RY | Nutritional management of dairy cattle | 1 | Off | 1 | 0 | 1 | 19 | 1 | 20 | 21 | |
| Animal Science | RY | Recent technique of A.I. for cattle | 3 | On | 4 | 8 | 12 | 14 | 14 | 28 | 40 | |
| Animal Science | RY | Disease management of goat | 1 | Off | 12 | 4 | 16 | 5 | 0 | 5 | 21 | |
| Animal Science | RY | Control of protozoa disease in dairy cattle | 1 | Off | 1 | 1 | 2 | 20 | 1 | 21 | 23 | |
| Animal Science | RY | care and management of heat stroke in livestock | 1 | Off | 2 | 2 | 4 | 17 | 4 | 21 | 25 | |
| Animal Science | RY | Disease management of dairy cattle | 1 | Off | 2 | 2 | 4 | 15 | 2 | 17 | 21 | |
| Animal Science | RY | Disease management of goat | 1 | Off | 1 | 0 | 1 | 16 | 1 | 17 | 18 | |
| Animal Science | RY | Dairy management | 5 | On | 5 | 9 | 14 | 22 | 11 | 33 | 47 | |
| Animal Science | RY | Goat farming | 4 | On | 13 | 27 | 40 | 0 | 0 | 0 | 40 | |
| Animal Science | RY | Fish cum poultry farming | 3 | On | 5 | 0 | 5 | 16 | 4 | 20 | 25 | |
| Animal Science | RY | Commercial dairy farm management | 4 | On | 19 | 17 | 36 | 0 | 0 | 0 | 36 | |
| Animal Science | RY | Nutritional management of goatry | 1 | On | 9 | 4 | 13 | 18 | 5 | 23 | 36 | |
| Animal Science | RY | Nutritional management of livestock | 1 | On | 0 | 1 | 1 | 19 | 5 | 24 | 25 | |
| Animal Science | RY | Nutritional management of livestock | 1 | Off | 0 | 2 | 2 | 3 | 21 | 24 | 26 | |
| Animal Science | EF | Recent AI technique of livestock | 1 | Off | 5 | 0 | 5 | 40 | 0 | 40 | 45 | |
| Animal Science | EF | Recent techniques of A.I. cattle | 1 | Off | 0 | 0 | 0 | 12 | 0 | 12 | 12 | |
| Animal Science | EF | Care & management of Lympsy skin disease in cow | 1 | Off | 2 | 1 | 3 | 18 | 6 | 24 | 27 | |

| | | | | | | | | | | | |
|------------|----|---|---|-----|----|----|----|----|----|----|----|
| Entomology | PF | Weed management in rabi | 1 | On | 4 | 10 | 14 | 12 | 6 | 18 | 32 |
| Entomology | PF | Blight management in potato | 1 | Off | 10 | 4 | 14 | 13 | 1 | 14 | 28 |
| Entomology | PF | Helicorva management in gram | 1 | On | 5 | 3 | 8 | 15 | 4 | 19 | 27 |
| Entomology | PF | management of helicovera in chickpea | 1 | Off | 5 | 0 | 5 | 28 | 5 | 33 | 38 |
| Entomology | PF | Pest management in mustard | 1 | Off | 4 | 0 | 4 | 26 | 0 | 26 | 30 |
| Entomology | PF | Pest management in mustard | 1 | Off | 4 | 0 | 4 | 16 | 0 | 16 | 20 |
| Entomology | PF | natural farming in Moong | 1 | Off | 5 | 1 | 6 | 31 | 1 | 32 | 38 |
| Entomology | PF | YVMV management in moong | 1 | ON | 2 | 0 | 2 | 25 | 1 | 26 | 28 |
| Entomology | PF | Paddy cultivation through natural farming | 1 | Off | 2 | 4 | 6 | 12 | 3 | 15 | 21 |
| Entomology | PF | Pest management in paddy | 1 | Off | 4 | 0 | 4 | 20 | 1 | 21 | 25 |
| Entomology | PF | millet cultivation techniques | 1 | Off | 25 | 5 | 30 | 0 | 0 | 0 | 30 |
| Entomology | PF | IPM in millets | 1 | Off | 3 | 91 | 94 | 1 | 1 | 2 | 96 |
| Entomology | PF | Seed treatment in paddy | 1 | Off | 2 | 2 | 4 | 2 | 8 | 10 | 14 |
| Entomology | PF | Pest & disease management in paddy nursery | 1 | On | 4 | 20 | 24 | 18 | 5 | 23 | 47 |
| Entomology | PF | Improved sowing implements | 1 | On | 8 | 16 | 24 | 24 | 18 | 42 | 66 |
| Entomology | PF | Weed management in kharif crops | 1 | Off | 8 | 3 | 11 | 16 | 9 | 22 | 36 |
| Entomology | PF | Pest management in paddy | 1 | On | 4 | 20 | 24 | 18 | 5 | 23 | 47 |
| Entomology | PF | Pest management in paddy in Natural Farming | 1 | Off | 8 | 16 | 24 | 24 | 18 | 42 | 66 |
| Entomology | PF | Chemical management of parthenium | 1 | On | 6 | 4 | 10 | 21 | 4 | 25 | 35 |
| Entomology | PF | Weed management in paddy | 1 | Off | 1 | 0 | 1 | 26 | 0 | 26 | 27 |
| Entomology | PF | Pest management in paddy | 1 | On | 2 | 10 | 12 | 8 | 10 | 16 | 28 |

| | | | | | | | | | | | |
|------------|----|---|---|-----|----|----|----|----|----|----|----|
| Entomology | PF | Weed management | 1 | On | 4 | 0 | 4 | 33 | 0 | 33 | 37 |
| Entomology | PF | IPM in paddy | 1 | On | 4 | 3 | 7 | 8 | 9 | 17 | 24 |
| Entomology | PF | IPM in Natural Farming | 1 | On | 1 | 4 | 5 | 2 | 12 | 14 | 19 |
| Entomology | PF | management of stem borer & leaf folder in paddy | 1 | On | 5 | 2 | 7 | 23 | 2 | 25 | 32 |
| Entomology | PF | Sheath blight management in paddy | 1 | On | 3 | 0 | 3 | 13 | 0 | 13 | 16 |
| Entomology | PF | Pest management in organic vegetable | 1 | On | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Entomology | PF | Seed treatment in rabi crops | 1 | On | 0 | 12 | 12 | 0 | 20 | 20 | 32 |
| Entomology | PF | Pest management in Mustard | 1 | On | 10 | 11 | 21 | 8 | 6 | 14 | 35 |
| Entomology | PF | Pest management in Millets | 1 | On | 4 | 3 | 7 | 14 | 3 | 17 | 24 |
| Entomology | PF | Production technique & pest management in Mustard | 1 | On | 6 | 2 | 8 | 22 | 2 | 24 | 32 |
| Entomology | PF | Seed treatment in rabi crops | 1 | Off | 9 | 5 | 14 | 30 | 11 | 41 | 55 |
| Entomology | PF | Organic farming | 1 | Off | 8 | 3 | 11 | 32 | 9 | 41 | 52 |
| Entomology | PF | Bee Keeping | 1 | Off | 11 | 6 | 17 | 35 | 9 | 44 | 61 |
| Entomology | PF | Pest management in veg. crop | 1 | Off | 10 | 7 | 17 | 36 | 5 | 41 | 58 |
| Entomology | PF | Pest management in cereal crop | 1 | Off | 5 | 1 | 6 | 28 | 4 | 32 | 38 |
| Entomology | RY | Natural farming | 1 | On | 9 | 0 | 9 | 31 | 0 | 31 | 40 |
| Entomology | RY | natural farming | 1 | Off | 4 | 5 | 9 | 22 | 2 | 24 | 33 |
| Entomology | RY | Pest management in grain storage | 1 | ON | 4 | 5 | 9 | 13 | 3 | 16 | 25 |
| Entomology | RY | Paddy cultivation-Natural farming | 1 | On | 0 | 10 | 10 | 0 | 16 | 16 | 26 |
| Entomology | RY | Paddy cultivation-Natural farming | 1 | Off | 4 | 0 | 4 | 0 | 26 | 26 | 30 |
| Entomology | RY | Safe and Judicious use of Glyphosate | 3 | On | 8 | 0 | 8 | 29 | 0 | 29 | 37 |
| Entomology | RY | Sustainable bee keeping | 1 | On | 12 | 2 | 14 | 19 | 0 | 19 | 33 |
| Entomology | RY | Use of drone in pest management | 1 | Off | 5 | 1 | 6 | 35 | 4 | 39 | 45 |
| Entomology | RY | Use of drone in pest management | 1 | Off | 6 | 2 | 8 | 42 | 5 | 47 | 55 |
| Entomology | EF | Pest management in rabi crops | 1 | Off | 9 | 0 | 9 | 38 | 0 | 38 | 47 |

| | | | | | | | | | | | |
|--------------|----|--------------------------------------|---|-----|----|----|----|----|----|----|----|
| Entomology | EF | Pest management in oilseeds & spices | 1 | Off | 10 | 0 | 10 | 20 | 0 | 20 | 30 |
| Home Science | PF | Fruit preservation | 1 | On | 12 | 4 | 16 | 22 | 0 | 22 | 38 |
| Home Science | PF | Millet processing | 1 | On | 8 | 3 | 11 | 15 | 0 | 15 | 26 |
| Home Science | PF | Mushroom production | 1 | On | 3 | 8 | 11 | 8 | 11 | 19 | 30 |
| Home Science | PF | Drudgery reduction | 1 | Off | 7 | 14 | 21 | 18 | 3 | 21 | 42 |
| Home Science | PF | Mushroom production | 1 | On | 13 | 2 | 15 | 15 | 3 | 18 | 33 |
| Home Science | PF | Millet processing | 1 | Off | 2 | 2 | 4 | 35 | 3 | 38 | 42 |
| Home Science | PF | Millet processing | 1 | On | 8 | 9 | 17 | 19 | 14 | 33 | 50 |
| Home Science | PF | Mushroom production | 1 | Off | 4 | 12 | 16 | 9 | 2 | 11 | 27 |
| Home Science | PF | Millet production & processing | 1 | On | 14 | 0 | 14 | 16 | 0 | 16 | 30 |
| Home Science | PF | Milky white Mushroom production | 1 | ON | 13 | 2 | 15 | 15 | 3 | 18 | 33 |
| Home Science | PF | Milky white Mushroom production | 1 | ON | 8 | 3 | 11 | 17 | 0 | 17 | 28 |
| Home Science | RY | Nutrition education | 1 | Off | 10 | 7 | 17 | 12 | 15 | 27 | 44 |
| Home Science | RY | Millet processing | 1 | On | 3 | 1 | 4 | 10 | 0 | 10 | 14 |
| Home Science | RY | millet production and processing | 2 | Off | 10 | 7 | 17 | 12 | 12 | 24 | 41 |
| Home Science | EF | Craft making (Paddy straw) | 3 | Off | 14 | 0 | 14 | 16 | 0 | 16 | 30 |

H) Vocational training programmes for Rural Youth

Details of training programmes for Rural Youth

| Crop / Enterprise | Identified Thrust Area | Training title* | Duration (days) | No. of Participants | | | Self-employed after training | | | Number of persons employed elsewhere |
|------------------------------------|---|---|-----------------|---------------------|--------|-------|------------------------------|-----------------|----------------------------|--------------------------------------|
| | | | | Male | Female | Total | Type of units | Number of units | Number of persons employed | |
| Intercultural and spray equipments | Use, repair & maintenance of intercultural and spray equipments | Use, repair & maintenance of intercultural and spray equipments | 5 | 21 | 7 | 28 | | | | |
| Goat Farming | Goat Farming | Commercial goat farming | 3 | 28 | 12 | 40 | | | | |

| | | | | | | | | | | | | | | | | | |
|---|--|------------------------|-----------|---|----|---|----|----|---|----|----|---|----|----|---|----|---|
| 4 | Nutritional value in livestock By-products | Nutritional management | June 2023 | 1 | PF | 1 | 0 | 10 | 0 | 0 | 55 | 0 | 0 | 65 | 0 | 65 | Bihar water development society sewa, Patna |
| 5 | Goat farming | Goat farming | June 23 | 1 | PF | 1 | 0 | 4 | 0 | 0 | 36 | 0 | 0 | 40 | 0 | 40 | Bihar water development society sewa, Patna |
| 6 | Heat stress management of dairy cattle | Dairy management | June 23 | 1 | PF | 1 | 21 | 0 | 0 | 0 | 0 | 0 | 21 | 0 | 0 | 21 | FPO, Kako, Jehanabad |
| 7 | IPM in paddy | IPM | June 23 | 1 | RY | 1 | 0 | 0 | 0 | 28 | 16 | 0 | 28 | 16 | 0 | 44 | BWDS, Patna |
| 8 | Millet production | Millet production | Feb 23 | 1 | PF | 1 | 19 | 8 | 0 | 14 | 9 | 0 | 33 | 17 | 0 | 50 | NABARD, Jehanabad |

| Area of training | No. of Courses | No. of Participants | | | | | | | | | | | | | |
|---|----------------|---------------------|-----------|-----------|----------|----------|-----------|----------|----------|----------|-------------|-----------|-----------|--|--|
| | | General | | | SC | | | ST | | | Grand Total | | | | |
| | | M | F | Total | M | F | Total | M | F | Total | M | F | Total | | |
| Crop production and management | | | | | | | | | | | | | | | |
| Increasing production and productivity of crops | 1 | 41 | 8 | 49 | 6 | 5 | 11 | 0 | 0 | 0 | 47 | 13 | 60 | | |
| Commercial production of vegetables | | | | | | | | | | | | | | | |
| Production and value addition | | | | | | | | | | | | | | | |
| Fruit Plants | | | | | | | | | | | | | | | |
| Ornamental plants | | | | | | | | | | | | | | | |
| Spices crops | | | | | | | | | | | | | | | |
| Soil health and fertility management | | | | | | | | | | | | | | | |
| Production of Inputs at site | | | | | | | | | | | | | | | |
| Methods of protective cultivation | | | | | | | | | | | | | | | |
| Other | | | | | | | | | | | | | | | |
| Total | 1 | 41 | 8 | 49 | 6 | 5 | 11 | 0 | 0 | 0 | 47 | 13 | 60 | | |
| Post harvest technology and value addition | | | | | | | | | | | | | | | |
| Processing and value addition | | | | | | | | | | | | | | | |
| Other (Millet production) | 1 | 19 | 14 | 33 | 8 | 9 | 17 | 0 | 0 | 0 | 27 | 23 | 50 | | |
| Total | 1 | 19 | 14 | 33 | 8 | 9 | 17 | 0 | 0 | 0 | 27 | 23 | 50 | | |
| Farm machinery | | | | | | | | | | | | | | | |
| Farm machinery, tools and implements | | | | | | | | | | | | | | | |
| Other (Water Conservation) | 1 | 41 | 8 | 49 | 6 | 5 | 11 | 0 | 0 | 0 | 47 | 13 | 60 | | |
| Total | 1 | 41 | 8 | 49 | 6 | 5 | 11 | 0 | 0 | 0 | 47 | 13 | 60 | | |
| Livestock and fisheries | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | |
|--|------|------|-----|-------|-----|---|----|---|----|---|---|------|-----|-------|-----|---|
| organized | | | | | | | | | | | | | | | | |
| Participation in exhibition | 4 | 890 | 245 | 1135 | 123 | 0 | 22 | 8 | 30 | 4 | 0 | 912 | 253 | 1165 | 127 | 0 |
| Film Show | 19 | 540 | 73 | 613 | 52 | 0 | 0 | 0 | 0 | 0 | 0 | 540 | 73 | 613 | 52 | 0 |
| Method Demonstrations | 4 | 85 | 6 | 91 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 85 | 6 | 91 | 9 | 0 |
| Farmers Seminar | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Workshop | | | | | | | | | | | | | | | | |
| Group discussion | 1 | 10 | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 10 | 0 | 0 |
| Lectures delivered as resource persons | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Advisory Services | 5373 | | | 5373 | | | | | | | | | | 5373 | | |
| Scientific visit to farmers field | 449 | 447 | 52 | 499 | 45 | 0 | 0 | 0 | 0 | 0 | 0 | 447 | 52 | 499 | 45 | 0 |
| Farmers visit to KVK | 3806 | 3100 | 706 | 3806 | 215 | 0 | 0 | 0 | 0 | 0 | 0 | 3100 | 706 | 3806 | 215 | 0 |
| Diagnostic visits | 118 | 112 | 24 | 136 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 112 | 24 | 136 | 28 | 0 |
| Exposure visits | 21 | 630 | 211 | 841 | 66 | 0 | 0 | 0 | 0 | 0 | 0 | 630 | 211 | 841 | 66 | 0 |
| Ex-trainees Sammelan | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Soil health Camp | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Animal Health Camp participation | 3 | 85 | 17 | 102 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 85 | 17 | 102 | 16 | 0 |
| Agri mobile clinic | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Soil test campaigns | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Farm Science Club Conveners meet | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Self Help Group Conveners meetings | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Mahila Mandals Conveners meetings | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Special day celebration | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Sankalp Se Siddhi | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Swatchta Hi Sewa | 34 | 1750 | 526 | 2276 | 228 | 0 | 0 | 0 | 0 | 0 | 0 | 1750 | 526 | 2276 | 228 | 0 |
| Celebration of important date | 12 | 435 | 215 | 650 | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 435 | 215 | 650 | 55 | 0 |
| Vikshit Bharat Sankalp Yatra | 87 | | | 22900 | | | | | | | | | | 22900 | | |

E. Interaction/Live telecast programme of Hon'ble PM/Hon'ble or Argil Minister

| Sl. | Date of event | Name of Event/Programme | Interaction of Hon'ble PM/AM | Participants | | | |
|-----|------------------|--|------------------------------|--------------|--------|------------|-------|
| | | | | Farmers | Staffs | VIP/Others | Total |
| 1 | 27.02.2023 | PM Kisan Samman Nidhi | Hon'ble PM/AM | 82 | 9 | - | 91 |
| 2 | 18.03.2023 | Interaction of Hon,ble PM International year of Millet | Hon'ble PM/AM | 72 | 9 | - | 81 |
| 3 | 27.07.2023 | PM Kisan Samman Nidhi | Hon'ble PM/AM | 96 | 9 | - | 105 |
| 4 | 16-18 July 2023 | Technology week | Hon'ble PM | 172 | 9 | - | 181 |
| 5 | 02 -25 Dec. 2023 | Vikshit Bharat Sankalp Yatra | Hon'ble PM | 142 | 9 | | 151 |

3.5 a. Production and supply of Technological products**A. Seed production at seed village**

| Crop | Variety | Quantity of seed (q) | Value (Rs) | No. of farmers involved in village seed production | Number of farmers to whom seed provided | | | |
|-------|---------|----------------------|------------|--|---|----|-------|-------|
| | | | | | SC | ST | Other | Total |
| | | | | | | | | |
| Total | | | | | | | | |

B. Seed production at KVK farm

| Type of seed produced | Variety | Quantity of seed (q) | Value (Rs) | Number of farmers to whom seed provided | | | |
|--|----------------------|----------------------|------------|---|----|-------|-------|
| | | | | SC | ST | Other | Total |
| Cereals | | | | | | | |
| Wheat (Rabi 2022-23) | HD-2967 | 111.0 | 4,99,500 | 70 | 0 | 220 | 290 |
| Paddy (produced in Kharif 22 sold in kharif 23) | R. Sweta | 142.72 | 7,41,624 | 165 | 0 | 510 | 675 |
| Paddy (Kharif 23) | R. Sweta | 145.0 (Unprocessed) | | | | | |
| Wheat (Rabi 2023-24) | HD-2967 | Standing | | | | | |
| Oil seed | | | | | | | |
| Pulses | | | | | | | |
| Green Manure | | | | | | | |
| Commercial crop | | | | | | | |
| Vegetables | | | | | | | |
| Potato(Rabi 2022-23) | Badi Aaloo, Yusimaap | 15.0 | 37,500 | 5 | 0 | 25 | 30 |
| Potato(Rabi 2022-23) | Badi Aaloo, Yusimaap | Crop standing | | | | | |
| Fodder | | | | | | | |
| Spices | | | | | | | |
| Fruits | | | | | | | |
| Forest crop | | | | | | | |
| Ornamental/flower | | | | | | | |
| Medicinal | | | | | | | |
| Grand Total | | | | | | | |

F. Production of Bio-Products

| Name of product | Quantity(Kg) | Value (Rs.) | No. of Farmers benefitted | | | |
|---|--------------|-------------|---------------------------|----|-------|-------|
| | | | SC | ST | Other | Total |
| Bio-fertilizers | | | | | | |
| Bio-food(Spirulina etc) | | | | | | |
| Bio-pesticide | | | | | | |
| Bio-agents (Trichocardetc) | | | | | | |
| Worms (earthworm, silk worms etc) | | | | | | |
| Bio-fungicide | | | | | | |
| Others, please specify (Mushroom spawn, Culture, Mineral Mixture, Coir pith compost, Cow dung, Cow urine, vermi compost. | | | | | | |
| Total | | | | | | |

G. Production of livestock & fisheries materials

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

H. SOIL & WATER TESTING

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

| Sl. No | Name of the Equipment | Qty. |
|--------|--|------|
| 1 | MridaParikshak Mini Soil testing kit (Not working) | 2 |

b. Details of samples analyzed so far

| Total number of soil samples analyzed till now | | |
|--|---------------------------------|-------|
| Through mini soil testing kit/labs | Through soil testing laboratory | Total |
| - | 279 (From ARI, Patna) | 279 |

c. Detail of Soil, Water and Plant analysis at KVK (2023)

| Sl. | Analysis | No. of Samples analyzed | No. of Villages covered | No. of Farmers benefitted | Amount realized (Rs.) |
|-----|-----------------|-------------------------|-------------------------|---------------------------|-----------------------|
| 1. | Soil | | | | |
| 2. | Water | | | | |
| 3. | Plant | | | | |
| 4. | Fertilizers | | | | |
| 5. | Manures | | | | |
| 6. | Food | | | | |
| 7. | Others (if any) | | | | |

d. Details of World Soil Day Celebration

| Sl. No. | No. of Activity conducted | Soil Health Cards distributed | No. of farmers benefitted | No. of VIPs Number of | Name (s) of VIP(s) involved if any | Total No. of Participants attended the program |
|---------|---------------------------|-------------------------------|---------------------------|-----------------------|------------------------------------|--|
| 1 | 1 | - | 45 | 0 | - | 45 |

I. Activities under Rain Water Harvesting structure and micro irrigation system

| S.No | No of training programme conducted | No. of demonstrations | No. of plant material produced | Visit by the farmers (No.) | Visit by the officials (No.) |
|------|------------------------------------|-----------------------|--------------------------------|----------------------------|------------------------------|
| 1 | 5 | 0 | 0 | 213 | - |

3.5. b. Seed Hub Programme - "Creation of Seed Hubs for Increasing Indigenous Production of Pulses in India": N/A

1. Name of Seed Hub Centre:

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

2. Quality Seed Production of Pulses

| Season | Crop | Variety | Production (q) | | | Category of Seed (F/S, C/S) |
|-------------|------|---------|----------------|----------------|------------|-----------------------------|
| | | | Target | Area sown (ha) | Production | |
| Kharif 2023 | | | | | | |

| | | | | | | |
|--------------------|--|--|--|--|--|--|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Rabi 2023 | | | | | | |
| | | | | | | |
| | | | | | | |
| Summer/Spring 2023 | | | | | | |
| | | | | | | |
| | | | | | | |

3. Financial Progress

| Fund received (2016-17, 2017-18, 2019, 2020 and 2021) | Expenditure (Rs. in lakhs) | | Unspent balance (Rs. in lakhs) | Remarks |
|---|----------------------------|----------------|-----------------------------------|---------|
| | Infrastructure | Revolving fund | | |
| 2016-17 | - | 4.009 | - | |
| 2017-18 | - | 3.23 | - | |
| 2018-19 | - | 3.61 | - | |
| 2019 | - | 4.64 | - | |
| 2020 | - | 4.53 | - | |
| 2021 | - | 2.97 | - | |
| 2022 | - | 3.55 | - | |
| 2023 | - | 4.24 | - | |

4. Infrastructure Development:NA

| Item | Progress |
|------------------------------|----------|
| Seed processing unit | |
| Seed storage structure | |
| Nursery | |
| Animal sector | |
| Mushroom / other enterprises | |
| Others | |

3.6 PUBLICATIONS, HUMAN RESOURCES DEVELOPMENT & AWARDS & RECOGNITION

A. Details of Research papers published by KVK (with full title, author & journal)

| S.No | Item | Details of publication bibliographic form | NASS Rating |
|------|----------------|--|--------------------------|
| 1 | Research paper | <p>1. Husain Akhlaq and Hasan Wajid2023. Skipper butterflies (Hesperiidae: Lepidoptera) common to Sulawesi (Indonesia) and India, with their host plants.<i>International Journal of Agricultural and Applied Sciences</i>, 4(2):113-119.</p> <p>2. Sheetanshu Gupta and Wajid Hasan 2023. Unveiling the Alchemical Nexus: Exploring the Profound Interplay between Terrace Gardening, Indoor Gardening, and Human Biochemistry.<i>International Journal of Agricultural and Applied Sciences</i>, 4(2):58-66.</p> <p>3. Wajid Hasan, G. Jahir Hussain, Gangadhara Doggalli, S. Alagumanian, Niroj Kumar Jena, A. Saravanan, Sanjay Hazarika and M. D. Saravanamoorthy 2023. Plant- Based Products as Control Agents of Stored Product Insect Pests: Prospects, applications and challenges.<i>International Journal of Plant & Soil Science</i>, 35(22): 866-873.</p> <p>4. Gyan Prakash Morya and Wajid Hasan 2023. Scenario of climate change impact on insect pests in India. <i>International Journal of Agricultural and Applied Sciences</i>, 4(1): 79-84.</p> <p>5. Akhlaq Husain and Wajid Hasan2023. New Record of Six-spot Ground Beetle <i>Anthia (Anthia) sexguttatasexguttata</i> (Fabricius, 1775) (Coleoptera: Carabidae) from Jehanabad, Bihar (India), with its Systematic Account, Distribution and Beneficial Role. <i>Biological Forum</i>, 15(4): 358-362.</p> | <p>5.07</p> <p>11.20</p> |

B. Details of Other Publications

| Particulars | Details of publication bibliographic form | No of copies published (if any) | No of copies distributed (if any) |
|-------------------------------------|--|---------------------------------|-----------------------------------|
| Seminar/conference/ symposia papers | Assessment of Different methods of sowing in wheat for higher germination, growth and yield, Author: Jeetendra Kumar, Wajid Hasan, R.K. Sohane, Muneshwar Prasad, Amrendra Kumar, Anjani Kumar and Abhay Kumar | - | - |
| | Agro-forestry to help achieve net zero carbon emissions- Goal of India. Author Abhay Kumar, Muneshwar Prasad, D. Mahto, W. Hasan & J. Kumar | - | - |
| | Effect of UMMB and mineral supplementation on growth and reproductive performance of Heifers. D. | - | - |

| | Mahto, Muneshwar Prasad, W. Hasan & J. Kumar | | |
|--------------|--|---|---|
| Books | <p>1. Wajid Hasan, Kota Chakrapani, F. A. Khan, Gururaj Sunkad, C.P. Singh, Mirza Hasanuzzaman, Nareshkumar E. Jayewar, Atul Kumar, Md. Minnatullah, Altaf Kuntoji, Arun Kumar, Harikesh Singh, Huma Naz, Karan Singh Dhami, Reena Roy, Abdul Majid Reshi 2023. Climate Change and Its Impact. Published by: Self Published, ISBN: 978-93-5396-006-3. Volume 1. Pages 419. Volume 2. Pages 513.</p> <p>2. Pramod Kumar Gupta, Shubham Mishra, Revendra Kushwaha, Yogita Gharde and Wajid Hasan 2023. Plant Disease Caused by Bacteria: Detection, Diagnosis and Management. Published by Kalyani Publishers, New Delhi, ISBN: 978-93-5540-478-7. Pages 230.</p> <p>3. Wajid Hasan, Arun Kumar, Altaf Kuntoji, P. C. Chanyal, Akhlaq Husain 2023. Current Scenario in Agricultural and Allied Sciences. Emyreal Publishing House, Ghaziabad (U. P.). ISBN: 978-93-93810-42-7. Pages 222. https://www.empyrealpublishinghouse.com/current-scenario-in-agricultural-and-allied-sciences.php</p> <p>4. Sheetanshu Gupta; Dharendra Kumar; Wajid Hasan; Barkat Hussain, Mohammad Javed Ansari and Shivom Singh 2023. Rhizosphere Revolution: Unveiling the Secrets of Insect Pheromones in Soil Health and Vermicompost Production. ISBN 978-93-58999-98-3. Elite Publishing House, New Delhi.</p> <p>5. Roshan Pancholi Arti Sharma Jyoti Sharma Priyanka Kumari and Wajid Hasan 2023. Essentials of Entomology. ISBN 978-81-964368-5-8. Academic Publishers & Distributors.</p> <p>6. Bhavna Verma, Kamal Tanwar, Aftarika Azmi Ahmed, Wajid Hasan and Sanjay Vaishampayan 2023. ISBN 978-81-967311-9-9. Emyreal Publisher.</p> | - | - |
| Book Chapter | <p>1. Wajid Hasan and Bhavna Verma 2023. Insect Pests in Okra and their Management. <i>In: Pests and Disease Management of Horticultural Crops</i>. P 367-385. <i>In: Pests and Disease Management of Horticultural Crops</i>. Editors: Wajid Hasan and</p> | | |

- Bhavna Verma and Md. Minnatullah. BIOTECH BOOKS® New Delhi. ISBN: 978-81-7622-543-4.
2. Irfan Khan, Roop Singh, Abhishek Sharma and Wajid Hasan. 2023. Serological and Molecular Detection Techniques of Viruses Infecting Onion and Garlic. P 63-72. *In: Pests and Disease Management of Horticultural Crops*. Editors: Wajid Hasan and Bhavna Verma and Md. Minnatullah. BIOTECH BOOKS® New Delhi. ISBN: 978-81-7622-543-4.
 3. Kajol Yadav, Lovely Bharti, Ashok Kumar Chaubey and Wajid Hasan. 2023. Use of Promising Entomopathogenic Nematode for Biological Interactions and Management of the Cotton Bollworm, *Helicoverpa armigera* (Lepidoptera: Noctuidae). P 1-14. *In: Pests and Disease Management of Horticultural Crops*. Editors: Wajid Hasan and Bhavna Verma and Md. Minnatullah. BIOTECH BOOKS® New Delhi. ISBN: 978-81-7622-543-4.
 4. Archana Anokhe, Gajendra Singh, Preeti Ramteke and Wajid Hasan 2023. Integrated Pest Management Strategies against Brinjal Shoot and Fruit Borer, *Leucinodes orbonalis* (Guenee): A Review. P 281-290. *In: Pests and Disease Management of Horticultural Crops*. Editors: Wajid Hasan and Bhavna Verma and Md. Minnatullah. BIOTECH BOOKS® New Delhi. ISBN: 978-81-7622-543-4.
 5. Akhlaq Husain, Wajid Hasan and Rajesh Panwar 2023. NEW RECORD OF *Metanastria hyrtaca* (CRAMER, 1779) (Lepidoptera: Lasiocampidae) Hairy Caterpillar, From Near Tiuni, Dehra Dun District, Uttarakhand (India) With Host Plants And Control Measures. P 11-16. *In: Current Scenario in Agricultural and Allied Sciences*. Editors: Wajid Hasan, Arun Kumar, Altaf Kuntoji, P. C. Chanyal, Akhlaq Husain, *Empyreal Publishing House, Ghaziabad (U. P.)*. ISBN: 978-93-93810-42-7
 6. Dinesh Mahto and Wajid Hasan 2023. Incidence Of Repeat Breeding Cross Bred In Dairy Cattle. P 42-47. *In: Current Scenario in Agricultural and Allied Sciences*. Editors: Wajid Hasan, Arun Kumar, Altaf Kuntoji, P. C. Chanyal, Akhlaq Husain, *Empyreal Publishing House, Ghaziabad*

| | | | |
|-------------------------|--|--------------------------------------|-----|
| | <p>(U. P.). ISBN: 978-93-93810-42-7</p> <p>7. Renu Choithrani and Wajid Hasan 2023. Emerging Applications Of Smart Farming Technologies In Advanced Agricultural Science. P 69-76. <i>In: Current Scenario in Agricultural and Allied Sciences</i>. Editors:Wajid Hasan, Arun Kumar, Altaf Kuntoji, P. C. Chanyal, Akhlaq Husain, <i>Empyreal Publishing House, Ghaziabad (U. P.). ISBN: 978-93-93810-42-7</i></p> <p>8. Udavant R. N., Ritu Rani, Jaybhay M. B. and Wajid Hasan 2023. Integrated Approach Of Pests Management For Chickpea. P 135-143. <i>In: Current Scenario in Agricultural and Allied Sciences</i>. Editors:Wajid Hasan, Arun Kumar, Altaf Kuntoji, P. C. Chanyal, Akhlaq Husain, <i>Empyreal Publishing House, Ghaziabad (U. P.). ISBN: 978-93-93810-42-7</i>.</p> <p>9. Wajid Hasan and Bhavna Verma 2023. Insect Pest of Chickpea and Their Management. P 229-257. <i>In: Pest Management Strategies in Pulses and Cereal Crops</i>. Editors: Arun Kumar, Wajid Hasan, Bhavna Verma and C.P. Singh. Kripa-Drishti Publications, Pune. ISBN: 978-81-19149-06-3.</p> | | |
| Popular articles | | | |
| Success story | Sri Arbind Kumar ,Poultry farming | ATARI, Patna | |
| | Sri Shashi Bhushan Kumar, | IARI, New Delhi and Kisan Mela | |
| Bulletins | Pashuon main madkaal ka prabandhan (Bulletin 1/ 2022-23) | 1000 | 350 |
| | Samekit krhsi pranalli dwara sansadhan Prabandhan (Bulletin 2/ 2022-23) | 1000 | 430 |
| | Prakritik kheti aaj ki maang (Bulletin no.- 6/2023-24) | 1000 | 500 |
| | Madua ki unnatkheti (Bulletin No.- 02/2023-24), | 1000 | 500 |
| | Mota Anaj (Poshak Ananj) manushyonkeliyebardan (Buletin No.- 03/2023-24 | 1000 | 500 |
| | Aaloo ki vaiyanikkheti (Bulletin No.- 05/ 2023-24), | 1000 | 500 |
| | Gehun ki vaigyanik kheti (Bulletin No. 4/ 2023-24), | 1000 | 500 |
| | Makka ki vaigyanik kheti (Bulletin No.- 01/ 2023-24), | 1000 | 500 |
| | Prakritik Kheti aaj ki Maang (Bulletin No.- 6/ 2023-24), | 1000 | 500 |
| Agro-advisory bulletins | | | |
| Extension Folders | | | |
| Technical reports | • MPR (English) | - | - |

| | | | |
|-------------------------------------|--|--|--|
| | <ul style="list-style-type: none"> • Annual Report of KVK, Jehanabad (Jan-December 2022) • Extension Council Report Rabi and Kharif • SAC Report 2023 | | |
| News letter | - | | |
| Electronic Publication (CD/DVD etc) | - | | |
| TOTAL | 25 | | |

C. Details of HRD programmes undergone by KVK personnel

| Sl. No. | Name of KVK personnel and designation | Name of course/training program attended | Date and Duration | Organizer/Venue |
|---------|---|---|-------------------|-----------------|
| 1. | Dr. Shobha Rani, Sr. Scientist & Head | Training on Crop Residue based craft making (Paddy straw) | 12-14 April 2023 | BAU, Sabour |
| 2. | Er. Jeetendra Kumar, SMS (Agril. Engg.) | Drone Pilot training | 18-22 March 2023 | IGRUA, Gurugram |
| 3. | Dr. Wajid Hasan, SMS (Ento.) | Drone Pilot training | 18-22 March 2023 | IGRUA, Gurugram |

D. Details of attachment training (RAWE/ FET for ARS/Others) through KVK

| Type of attachment | No. of student trained | No. of days stayed |
|----------------------------|------------------------|--------------------|
| KVK and village attachment | 1 | 120 |

E. Awards/Recognition

Institutional Award received by KVK

| Sl. No. | Name of the Award | Conferring Authority | Amount | Purpose |
|---------|-------------------|----------------------|--------|---------|
| | | | | |
| | | | | |

Award received by KVK Scientists

| Sl. | Name of the Award | Name of the Scientist | Value in Amount/ | Purpose | Conferring Authority |
|-----|--|-----------------------|------------------|----------------|--|
| 1 | Dr.Gopalji Trivedi Best Extension Professional Award | Dr Muneshwar Prasad | 10000 | Extension Work | BAU Sabour |
| 2 | Best KVK Scientist Award-2023 | Dr Muneshwar Prasad | | Extension Work | Agricultural &Environment Technology Development Society (AETDS), Uttarakhand, India |

Award received by Farmers

| Sl. | Name of the Award | Name of the Farmer | Address | Contact No. | Aadhar No. | Amount | Purpose | Conferring Authority |
|-----|--------------------------|--------------------|--|-------------|--------------|--------|-------------------------|----------------------|
| 1 | Progressive Farmer Award | Sri Manish Kumar | Vill- Katrasin, Block- Makhdumpur, Jehanabad | 9955791565 | 595781362405 | - | For progressive farmers | BAU, Sabour |
| | | | | | | | | |

3.7. TECHNOLOGY DEVELOPMENT**A. Give details of Innovative Methodology/Process/Product or Innovative Technology developed by KVK**

| Sl. No. | Name/ Title of the technology | Brief details of the Innovative Technology | Impact of the technology | Status of commercialization/ Patent |
|---------|---|--|---|-------------------------------------|
| 1 | Making of different mushroom By-products for value addition | Making Neera Green Chilli Pickle, Mushroom achar | Demand from different area India and abroad | Marketing on Amazon |

B. Give details of Organic farming practiced/Indigenous Technology/ITK practiced by the farmers in the KVK operational area which can be considered for technology development (in detail with suitable photographs)

| Sl. No. | Enterprise | Brief details of the ITK Practiced | Purpose/Impact of ITK | Impact of the technology |
|---------|--------------|---|-----------------------|--|
| 1. | Goat farming | Double floor goat house and ground floor vermicompost | Low construction cost | Double incomes from different components |

Give details of by the farmer (if Any)

| Sl. No. | Crop / Enterprise | Area (ha)/ No. covered | Production | No. of farmers involved | Market available (Y/N) |
|---------|-------------------|------------------------|------------|-------------------------|------------------------|
| 1 | | | | | |

C. 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 |
|---------|---|--|
| 1. | Audio- visual along with whatsapp& you tube media | Direct contact farmers for need based training, marketing for doubling farming |

4. IMPACT**4.1 Impact of KVK activities till now (Not to be restricted for reporting period).**

| Name of specific technology/skill transferred/training | No. of participants | % of adoption | Change in income (Rs.) | |
|--|---------------------|---------------|------------------------|------------------|
| | | | Before (Rs./Unit) | After (Rs./Unit) |
| Skill Training (BSDM) (Bee Keeper) | 105 | 55 | 0 | 24000 |

| | | | | |
|------------------------------------|-----|----|-------|--------|
| Poultry farm worker | 20 | 74 | 10000 | 180000 |
| Dairy farmer (entrepreneurship) | 20 | 70 | 5000 | 20000 |
| Animal Health Worker | 20 | 80 | - | 60000 |
| Mushroom Grower | 70 | 65 | 0 | 6000 |
| Bee Keeper | 105 | 55 | 0 | 24000 |
| Pesticides & fertilizer applicator | 30 | 90 | 2000 | 22000 |

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 |
| Backyard Poultry | 35 |
| Dairy | 50 |
| Goatry | 34 |
| Value addition in paddy straw | 46 |
| Mushroom Production | 42 |
| Zero tillage | 35 |

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 |
|---------|---|---|---|
| 1 | Single seedling transplanting of paddy (%) | High adoption | 80% |
| 2 | Vermicompost production (no.) | Kacha and pakka units | 1580 units |
| 3 | Use of improved farm implements (%) (ex :Rotavator, combined harvester etc) | Farmers use these implements for land preparation and paddy, wheat harvesting | 75% |
| 4 | Income generating activities Like, poultry, dairying, goatry, processing (%) | Mainly small and medium farm families are involved | 51% |
| 5 | Participation of Farm women in agril. Programme | Mainly in paddy production | 73% |
| 6 | Seed replacement rate (%) in the adopted villages (paddy, wheat, rai, gram, lentil, moong etc.) | With regard to crops like paddy, wheat, rai, gram, lentil, moong etc.) | 89% |
| 7 | Participation of NGO's in KVK-activities (no.) | Technical guidance | 13 |
| 8 | Area under ZT (acre) | Wheat crop | 510 |
| 9 | Bee Keeping (%) | For income generation | 32% |
| 10 | Mushroom Production (%) | Nutrition security and income generation | 48 |
| 11 | Pulse crop coverage (Lentil, chickpea, field pea, pigeonpea), ha | CFLD | 17200 |
| 12 | Oilseed crop coverage (Musturd, Linseed), ha | CFLD | 172 |
| 13 | Drought Tolerant Paddy (Sahabhagi), ha | Higher adoption | 320 |
| 14 | Medium Duration Paddy(R.Sweta, S. Ardhjal), ha | Higher adoption | 3450 |
| 15 | SRI Paddy, ha | In areas of assured irrigation | 480 |
| 16 | Community Nursery (Paddy), ha | For intervention by community basis | 38 |
| 17 | Green Manuring (Green Gram, dhaincha), ha | Organic farming | 3620 |
| 18 | No. of Pheromon trap used in paddy | IPM | 2400 |

4.4. Details of entrepreneurship development

| | |
|--|--|
| Entrepreneurship development | |
| Name of the enterprise | IFS, Poultry, goat, fish, paddy, wheat |
| Name & complete address of the entrepreneur | Sri Suraj Kumar, Vill- Sikariya, Jehanabad |
| Role of KVK with quantitative data support: | Yes |
| Timeline of the entrepreneurship development | 2020 |
| Technical Components of the Enterprise | Goatry, Poultry, Fisheries, Paddy, wheat |
| Status of entrepreneur before and after the enterprise | Before IFS model he earned 5-6 lakhs per year |
| Present working condition of enterprise in terms of raw materials availability, labour availability, consumer preference, marketing the product etc. (Economic viability of the enterprise): | After intervention he earned 12 lakh per annum doubling its income |
| Horizontal spread of enterprise | Yes, 10-20 farmers |

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

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4.6. Any other initiative taken by the KVK

5. LINKAGES

5.1. Functional linkage with different organizations

| Sl.No | Name of organization | Nature of linkage |
|-------|------------------------------------|---|
| 1 | DM Office | Monthly meeting |
| 2 | DAO | Diagnostic survey, joint implementation and training |
| 3 | DHO | Participation in meetings and training. |
| 4 | ATMA | Training, Demonstration and Refinement of technology |
| 5 | Bank | Coordination for Farmers club and SHG formation & functioning. |
| 6 | COMFED | Marketing & Training. |
| 7 | Bihar Veterinary College, Patna | Infertility camp/ training |
| 8 | Magadh Dairy, Gaya | Animal health camp along with vaccination, Training of AI workers, PashuMela, Crop Residue Management |
| 9 | NABARD | Farmer's club formation, FPO |
| 10 | BAU, Sabour | Training, workshop, administration, financial, kisanmela, seed production etc. |
| 11 | IFFCO | Demonstration, Field day |
| 12 | IRRI, Varanasi | Demonstration, OFT, Crop Cafeteria, Field day |
| 13 | Bihar Govt. | Crop Resilient Agriculture Programme |

| | | |
|----|---------------|-------------------------|
| 14 | BAMETI, Patna | Domain and RPL training |
|----|---------------|-------------------------|

5.2. Details of Externally funded project & Programmes during 2023 (Eg. 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.) |
|----------------------------------|----------------------------|---------------------------|----------------|--------------|
| CRA Programme | Crop Resilient Agriculture | Kharif & Rabi Season | Bihar Govt. | - |
| Animal Health Camp | Animal Health Camp | Kharif & Rabi Season | Bihar Govt. | - |
| Kisan Mela | Mela and exhibition | February | BAU, Sabour | - |
| District level Krishi task force | Meeting | Monthly | DM Office | - |

(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.) |
|---|------------------------------|---------------------------|-----------------|--------------|
| Krishak Gosthi for International year of Millet | Awareness | 24.01.2023 | ICAR | - |
| Millet Awareness programme | Awareness | 13.02.2023 | ICAR | - |
| Millet Awareness programme | Awareness | 17.02.2023 | ICAR | - |
| Millet awareness programme sponsored by NABARD, Jehanabad | Awareness | 28.02.2023 | ICAR | - |
| Kisan Mela participation | Mela | 23-25 Feb. 2023 | BAU, Sabour | - |
| Bihar Poultry Expo- 2022 | Mela | 20-22 Sept. 2022 | Bihar Govt. | - |
| Rabi Maha Abhiyan sponsored by ATMA | Rabi Maha Abhiyan | 26.10.2022 | ATMA, Jehanabad | - |
| Rabi Maha Abhiyan sponsored by ATMA | Rabi Maha Abhiyan | 05.11.2022 | ATMA, Jehanabad | - |
| Animal Health Camp | Vaccination | Nov. 2022 | Husbandry Dept. | - |
| Kisan Mela participation | Kisan Mela | 03-04 Dec. 2022 | Bihar Govt. | - |
| Udhan mela | Mela | 11-13 March 2023 | Bihar Govt. | - |
| Krishi Mela at Gandhi maidan (Bihar Diwas) | Mela | 22-24 March 2023 | Bihar Govt. | - |
| Awareness and baseline survey for eradication of malnutrition | Mal Nutrition eradication | 16.05.2023 | ICAR | - |
| Conduction of soil health management abhiyan under LIFE programme at KVK, Jehanabad | Awareness | 22-23 May 2023 | NGO | - |
| Awareness on rain water harvesting and efficient use (catch the rain) | Awareness | 29.05.2023 | ICAR | - |
| Participated in block level kharif workshop | Kharif workshop | 29.05.2023 | ATMA | - |
| Participated in Kharif Maha Abhiyan at Jehanabad | Kharif workshop | 27.05.2023 | ICAR | - |
| Millet Awareness programme | International year of Millet | 29.05.2023 | ICAR | - |
| Kharif Maha Abhiyan cum Kisan mela | Kisan Mela | 04.06.2023 | ICAR | - |

| | | | | |
|---|---------------------------|------------------|-------------|---|
| Exposure visit of board member of FPO Kako | FPO | 20.06.2023 | FPO | - |
| Awareness on eradication of malnutrition at village Godsar and veg. kit distributed | Mal Nutrition eradication | 27.06.2023 | ICAR | - |
| Sponsored programme on Nutritional value in Livestock by-products | Awareness | 09.06.2023 | ICAR | - |
| Awareness programme for the eradication of Malnutrition at village-Godsar | Awareness | 02.06.2023 | ICAR | - |
| Participation in Animal Health Camp at Mananpur | Vaccination | 18.07.2023 | Bihar Dept. | - |
| Awareness programme for the eradication of Malnutrition at village-Godsar | Mal Nutrition eradication | 20.07.2023 | ICAR | - |
| Gajar Ghans Jagruktaprogramme | Awareness | 16-22, Aug. 2023 | ICAR | - |
| Van Mahotsavaprogramme at KVK, Jehanabad | Awareness | 16.08.2023 | Bihar Dept. | - |

6. PERFORMANCE INDICATORS

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

| Sl. No. | Name of demo Unit | Year of estt. | Area(Sq.m t) | 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 | |
| Wheat | Dec 2022 | April 2023 | 4.5 | HD 2967 | F/S | 50.0 | 120000 | 240000 | |
| Wheat | Dec 2022 | April 2023 | 0.5 | S. Shrestha | F/S | 6.50 | 15000 | 31200 | |
| Paddy | June 2023 | Nov. 2023 | 4.0 | R. Sweta | F/S | 128.00 | 12000 | 651259 | |
| Paddy | June 2023 | Nov. 2023 | 0.5 | S. Harshit | F/S | 13.0 | 15000 | 65000 | |

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. Performance of Automatic Weather Station in KVK-

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

6.6. Utilization of hostel facilities

Accommodation available (No. of beds)

| Months | No. of trainees stayed | Trainee days (days stayed) | Reason for short fall (if any) |
|---------|----------------------------|----------------------------|--------------------------------|
| October | 1 student (RAWE programme) | 120 | |
| | | | |
| Total: | 1 | 120 | |

(For whole of the year)

6.7 Utilization of staff quarters

- Whether staff quarters have been completed: Yes
- No. of staff quarters: 6
- Date of completion:
- Occupancy details: 3 occupied and 3 vacant

| Months | Q I | Q II | Q III | Q IV | Q V | Q VI |
|------------------|-----|------|-------|------|-----|------|
| Jan to Dec. 2023 | ✓ | | | | | |
| | | | | | | |
| | | | | | | |

7. FINANCIAL PERFORMANCE

7.1. Details of KVK Bank accounts

| Bank account | Name of the bank | Location | Account Number |
|--------------|------------------|-----------------|------------------|
| KVK Main A/c | PNB | Kako, Jehanabad | 2321000100338968 |
| KVK Main A/c | SBI | BVC, Patna | 11435538045 |

| | | | |
|-----------------|-----|-----------------|------------------|
| KVK R/F A/c | PNB | Kako, Jehanabad | 2321000100338977 |
| KVK R/F A/c | SBI | BVC, Patna | 30777637395 |
| CFLD in Pulse | SBI | SBI, Kako | 42183581628 |
| CFLD in Oilseed | SBI | SBI, Kako | 42183583557 |

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

| Item | Released by ICAR | | Expenditure | | Unspent balance as on - |
|---------|------------------|------|-------------|-----------|-------------------------|
| | Kharif | Rabi | Kharif | Rabi | |
| Mustard | - | NIL | - | 67,427.00 | - |
| | | | | | |

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

| Item | Released by ICAR | | Expenditure | | Unspent balance as on 1 st April 2022 |
|--------|------------------|------|-------------|-------------|--|
| | Kharif | Rabi | Kharif | Rabi | |
| Lentil | - | NIL | - | 1,10,000.00 | - |

7.4. Utilization of KVK funds during the year 2023 (Not audited)

| Sl. No. | Particulars | Sanctioned | Released | Expenditure Up to December 2023 |
|---------------------------------------|-------------------------------|-------------|------------|---------------------------------|
| A. Recurring Contingencies | | | | |
| 1 | Pay & Allowances | 1,18,79,100 | 95,03,210 | 9,502,771 |
| 2 | Traveling allowances | | | |
| 3 | Contingencies | | | |
| A | HRD | 16,10,000 | 14,27,300 | 11,49,601 |
| B | Stationary, OE, POL etc. | | | |
| C | Training | | | |
| D | FLD | | | |
| E | OFT | | | |
| F | Maintenance of building | | | |
| G | Extension activity, Mela etc. | | | |
| H | SC-SP general | | | |
| I | | | | |
| J | Swachhta Expenditure | 3,00,000 | 3,00,000 | 1,94,176 |
| TOTAL (A) | | 19,10,000 | 17,27,300 | 13,43,777 |
| B. Non-Recurring Contingencies | | | | |
| 1 | SCSP Capital | 1,20,000 | 58,800 | 58,951 |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| TOTAL (B) | | | | |
| C. REVOLVING FUND | | - | - | 4,24,367 |
| GRAND TOTAL (A+B+C) | | 13,909,100 | 11,289,310 | 11,329,866 |

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

| Year | Opening balance as on 1 st April | Income during the year | Expenditure during the year | Net balance in hand as on 1 st April of each year (Kind + Cash) |
|------|---|------------------------|-----------------------------|--|
| 2021 | 6816907.17 | 863036.00 | 296734.00 | 7979567.17 |
| 2022 | 7979567.17 | 451319.00 | 355248.00 | 8075638.17 |
| 2023 | 8075638.17 | 945479.17 | 424367.00 | 9146355.17 |

7.6. (i) Number of SHGs formed by KVKs-6

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

- Vegetable production.
- Goatry.
- Mushroom production.
- Agarbatti Making
- Decorative items making by use of Paddy straw
- Dairy
- Poultry
- Herbal pesticides & dhoopbatti
- Apiary
- Pickles making

(iii) Details of marketing channels created for the SHGs

- Mahila Bank,
- Gramin Bank,
- Local market Patna, Gaya, Nalanda,
- Magadh dairy Co-operative Gaya
- Agricultural Institutions
- FPO

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 |
|---|--------------------|-------------|----------------------|-----------|-----------|
| Kharif Maha Abhiyan | 01 | Kharif | | | ✓ |
| Rabi Maha Abhiyan | 01 | Rabi | | | ✓ |
| Animal health Camp | 01 | Rabi | ✓ | | |
| Kharif workshop | 01 | Kharif | | | ✓ |
| Rabi workshop | 01 | Rabi | | | ✓ |
| Soil health awareness programme | 01 | Rabi | | | ✓ |
| Farmers scientist interaction programme | 01 | Kharif/Rabi | | ✓ | |
| Extension functionaries Training | 01 | Rabi | ✓ | | |
| Krishi Yantrikaran Mela | 02 | Rabi | | | ✓ |

7.8 Revenue generation

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

7.9 Resource Generation

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

8. MISCELLANEOUS INFORMATION

| Name of the disease | Crop | Date of outbreak | Area affected (in ha) | % Commodity loss | Preventive measures taken for area (in ha) |
|---------------------|--------|------------------|-----------------------|------------------|--|
| False smut | Paddy | October | 150 | 10% | 510 |
| Wilt disease | Lentil | December | 500 | 10-15% | 300 |

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) |
|---------------------|------------------|------------------|-------------------------------------|------------------------------|---|
| | | | | | |
| | | | | | |

8.1. Prevalent diseases in Crops

| No. of Events added by KVK | No. of Facilities added by KVK | No. of filled Report on Package of Practices | | | | No. of filled Profile Report | | | | | | | |
|----------------------------|--------------------------------|--|--------------|-----------|-----------|------------------------------|-------|---------|-------------------|------------|-------|-----------|------|
| | | Crop | Horticulture | Livestock | Fisheries | Employees | Posts | Finance | Soil Health Cards | Appliances | Crops | Resources | Fish |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

8.3. Nehru Yuva Kendra (NYK) Training; N/A

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

8.4. PPV & FR Sensitization training Programme

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

8.5. KVK Portal and Mobile App

| Sl. No. | Particulars | Description |
|---------|---|-------------|
| 1. | No. of visitors visited the portal | |
| 2. | No. of farmers registered in the portal | 5321 |
| 3. | Mobile Apps developed by KVK | |

| | | |
|----|--|-------------------|
| 4. | Name of the App | Kisan Sarathi App |
| 5. | Language of the App | |
| 6. | Meant for crop/ livestock/ fishery/ others | |
| 7. | No. of times downloaded | |

8.6 Details of KVK Portal:131Rank in KVK Portal (Total 235 event has been uploaded)

8.7 Kisan Mobile Advisory Services/KMAS (m-Kisan Portal/National Farmers Portal/ SMS Portal): Message not sent through m-Kisan Portal due to not working of mKisan portal

| Sl. No. | Discipline | No. of Advisories | No. of Messages (text+ videos) | Total messages | No. of Farmers |
|---------|-------------|-------------------|--------------------------------|----------------|----------------|
| 1. | Crop | | | | |
| 2. | Livestock | | | | |
| 3. | Weather | | | | |
| 4. | Marketing | | | | |
| 5. | Awareness | | | | |
| 6. | Enterprises | | | | |
| 7. | Others | | | | |
| 8. | Total | | | | |

8.5 Kisan Sarathi

| Name of KVK | No. of Farmers Registered on Portal |
|-------------|-------------------------------------|
| Jehanabad | 5321 |

8.6. a. Observation of Swachhta hi Sewa (2nd-31st Oct 2023)

| Date/ Duration of Observation | Activities undertaken | No. of Participants | | | |
|-------------------------------------|---|---------------------|---------|--------|-------|
| | | Staffs | Farmers | Others | Total |
| October 2023 | 1. Oath taken by KVK, Staffs 2. Cleaning of office corridor & premises, Cleaning & maintenance of stock office 3. Swachta awareness programme about crop residue management 4. Sanitation and SWM, Cleanliness and sanitation drive with campuses and surrounding including residential colonies, farm and demonstration units 5. Use of compost, home waste material and promoted clean and green technologies | 9 | 435 | 0 | 435 |

| | | | | | |
|--|--|--|--|--|--|
| | including organic farming in kitchen garden established in residential area of KVK Farm 6. Campaign on recycling of waste water, water harvesting for agriculture 7. Cleaning drive in office premises 8. Kisan Day celebration 9. Swachhata awareness at village level 10. Celebration of Hon'ble Vajpaiji Birthday and Awareness camp on cleanliness 11. Organise quiz competition on cleanliness 12. Awareness on waste management and utilization of organic waste 13. Campaign on cleaning of sewerage and water lines, Application of home waste in kitchen garden 14. Creating awareness among the farmers for safe disposal of bio-degradable and non bio-degradable waste 15. Awareness camp on cleanliness 16. Awareness camp on cleanliness and plantation at KVK campus | | | | |
| | | | | | |

b. Observation of SwachtaPakhwada (15 Dec -31st Dec 2023)

| Date/ Duration of Observation | Total No. of Activities undertaken | No. of Participants | | | |
|-------------------------------|------------------------------------|---------------------|---------|--------|-------|
| | | Staffs | Farmers | Others | Total |
| | | | | | |
| | | | | | |

c. Details of quarterly budget expenditure on Swachh activities including SAP

| S.No | Activities | No. of village covered | Total Expenditure (Rs.in Lakhs) |
|------|--|------------------------|---------------------------------|
| 1. | Vermicomposting | | |
| 2. | Other than vermicomposting activities under Swachata | | |

8.7. Details of 'Pre-Rabi Campaign' Programme

| Date of programme | No. of Union Ministers attended the programme | No. of Hon'ble MPs (Loksabha/Rajyasabha) participated | No. of State Govt. Ministers | Participants (No.) | | | | | | | Coverage by Door Darshan (Yes/No) | Coverage by other channels (Number) |
|-------------------|---|---|------------------------------|-----------------------------|----------------------------|----------------------|----------------|---------|-----------------------------------|-------|-----------------------------------|-------------------------------------|
| | | | | MLAs Attended the programme | Chairman Zila Panchayat at | Distt. Collector/ DM | Bank Officials | Farmers | Govt. Officials, PRI members etc. | Total | | |
| | | | | | | | | | | | | |

8.8 .Vikisit Viksit Bharat Sanklap Yatra (LLB and ULB)

| Sl. | No. of events attended | No. of Gram Panchayat covered | Total no. of farmer participated | No. of Lecture Delivered on Soil Health/ Natural Farming |
|-----|------------------------|-------------------------------|----------------------------------|--|
| 1 | 22 | 58 | 22447 | 58 |
| | | | | |

8.9. 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 |
|-------------------|----------------------|---------------|--------------------------------|-----------------------------|---|
| | | | | | |
| | | | | | |
| | | | | | |

9. Information on Visit of Ministers to KVKs, if any- No

| Date of Visit | Name of Hon'ble Minister | Name of Ministry | Salient points in his/ her observation (2-3 bulleted points) |
|---------------|--------------------------|------------------|--|
| | | | |
| | | | |
| | | | |

10. List of other visitors (MP/MLA/DM/VC/Zila Parishad/Other Head of Organization/Foreigners)

| Date | Name of the person | Purpose of visit |
|------------|--|---|
| 29.05.2023 | Hon'ble MLA Ghosi, Sri Rambali Singh Yadav | Visited of LTE plot of KVK, Jehanabad |
| 14.06.2023 | Dr. David Rajkumar, E.O. (EM), DOE, DA & FW, Delhi | Visit |
| 25.11.2023 | Dr. Randhir Kumar, Regional Director, ARI, Patna | Crop Cutting at farmers field and KVK, farm |
| | | |

11. PROJECT-WISE REPORTING (Applicable for KVKs identified under the given project)

11.1. Details of Cereal Systems Initiative for South Asia (CSISA)- No

- Year:
- Introduction / General Information:

| Trial Name | Area covered | Variety name | Duration | Method of planting | Sowing | Grain Yield | Cost of cultivation (Rs/ha) | Gross return (Rs/ha) | Net Return (Rs/ha) | BCR |
|------------|--------------|--------------|----------|--------------------|--------|-------------|-----------------------------|----------------------|--------------------|-----|
| Kharif | | | | | | | | | | |
| | | | | | | | | | | |
| Rabi | | | | | | | | | | |
| | | | | | | | | | | |

11.2 Details of Tribal Sub Plan (TSP)- No

a. Achievements of physical output under TSP

| Sl. | Activities | Physical Achievement | |
|-----|---|------------------------|----------------------|
| | | No. of Trainings/Demos | No. of beneficiaries |
| 1) | Trainings | | |
| a. | Farmer | | |
| b. | Women | | |
| c. | Rural Youths | | |
| d. | Extension Personnel | | |
| 2) | OFT | No. of OFTs | No. of beneficiaries |
| | | | |
| 3) | FLD | No. of FLDs | No. of beneficiaries |
| | | | |
| 4) | Mobile agro- advisory to farmers | No. of advisory | No. of beneficiaries |
| | | | |
| 5) | Other activities | | |
| a. | Participants in extension activities (No.) | | |
| b. | Production of seed (q) | | |
| c. | Production of Planting material (No. in lakh) | | |
| d. | Production of Livestock strains (No. in lakh) | | |
| e. | Production of fingerlings (No. in lakh) | | |
| f. | Testing of Soil, water, plant, manures samples (Nos.) | | |
| g. | Asset creation (Number; Sprayer, ridge maker, pump set, weeder etc.) | | |
| h. | No. of other programmes (Swachha Bharat Abhiyaan, Agriculture knowledge in rural school, Planting material distribution, Vaccination camp etc.) | | |

b. Fund received under TSP in 2023-24 (Rs. In lakh):

c. Achievements of physical outcome under TSP during 2023

| Sl. No. | Description | Unit | Achievements |
|---------|---|-------------------|--------------|
| 1 | Change in family income | % | |
| 2 | Change in family consumption level | % | |
| 3 | Change in availability of agricultural implements/ tools etc. | No. per household | |

d. Location and Beneficiary Details during 2023

| District | Sub- | No. of Village | Name of village(s) | ST population benefitted(No.) |
|----------|------|----------------|--------------------|-------------------------------|
|----------|------|----------------|--------------------|-------------------------------|

| | | | | | | | | | | | | |
|--|--|--|----|---|----|---|-------|---|-------|---|---|--|
| | | | SC | | ST | | Other | | Total | | | |
| | | | M | F | M | F | M | F | M | F | T | |
| | | | | | | | | | | | | |

e. Capacity building

| Thematic area | No of Courses | No of beneficiaries | | | | | | | | | | |
|---------------|---------------|---------------------|---|----|---|-------|---|-------|---|---|--|--|
| | | SC | | ST | | Other | | Total | | | | |
| | | M | F | M | F | M | F | M | F | T | | |
| | | | | | | | | | | | | |

f. Extension activities

| Thematic area | No of activities | No of beneficiaries | | | | | | | | | | |
|---------------|------------------|---------------------|---|----|---|-------|---|-------|---|---|--|--|
| | | SC | | ST | | Other | | Total | | | | |
| | | M | F | M | F | M | F | M | F | T | | |
| | | | | | | | | | | | | |

11.5. Formation and Promotion of FPOs as Cluster Based Business Organization (CBBOs)

| S.No | No. of blocks allocated | Name of blocks | No. of FPOs registered | Average no of members per FPO | No. of FPO received Management cost | No. of FPO received Equity Grant | No. of FPOs doing business |
|------|-------------------------|----------------|------------------------|-------------------------------|-------------------------------------|----------------------------------|----------------------------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

Number of commodity-based organizations/ farmers' cooperative society/ FPO formed/ associated with during last one year (Details of the group/society may be indicated)

| Sl. No. | Name of the organization / Society | Trust Deed No.& date | Date of Trust Registration Address | Proposed Activity | Commodity Identified | No. of Members | Financial position (Rupees in lakh) | Success indicator |
|---------|---|----------------------|------------------------------------|--|---|----------------|-------------------------------------|---|
| 1 | Gandhar Agro. Tech. farmers producer company limited | 2019 | 2019 | Need based supply of rabi and Kharif seed and fertilizer | Paddy ,wheat , lantil chickpea, seed and fertilizer | 156 | | Timely available of seed and fertilizers for farmers. |
| 2 | Sahyogi Agro Producer Company Ltd., Makhdumpur, Jehanabad | 2019 | 2019 | Production and marketing of agriculture and allied products, agro processing | Paddy,wheat , lantil chickpea, seed and poultry, haldi, besan, sattu& | 250 | | Production and marketing of agriculture and allied |

| | | | | | | | | |
|---|---|------|-------------------|---|---|-----|------|---|
| | | | | | herbal products | | | products |
| 3 | CervamKako Agro Producer Company Ltd., Kako, Jehanabad (2020) | 2020 | 2020 | Production and marketing of agriculture and allied products | Paddy, wheat, lentil chickpea, seed and poultry | 20 | | Production and marketing of agriculture and allied products |
| 4 | Barabar producer Co. Ltd, makhdumpur, Jehanabad (CSS Scheme) 2021 | 2021 | 2021 | Pulse production & processing | Pulse production & processing | 300 | | Pulses and Mushroom production |
| 5 | Prayatan Producer, Co. Ltd, Jehanabad (CSS Scheme) 2021 | 2021 | 2021 | Pulses and Mushroom production | Pulse production & processing | 60 | | Pulses and Mushroom production |
| 6 | Pragatishikisan Club, Safepur | | 150212454, NABARD | Vegetable production | Okra, brinjal, radhish and haldi | | 0.05 | Vegetable production |
| 7 | Maa kali Krishak Club, Rampur Charue | | 150212453, NABARD | Dairy and milk production | Milk and milk products | | 0.05 | |
| 8 | Pragatisheel Kisan Club, Jaikishunbigaha | | 150212443, NABARD | Cereal production | Rice & wheat | | 0.05 | |
| 9 | Pragatisheel Krishak Club, Keshopur | | 150212431, NABARD | Vegetable production | Okra, brinjal, radhish and Tomato, cauliflower | | 0.05 | |

11.6. Nutri-Sensitive Agricultural Resources and Innovation (NARI)

a. Overall achievement

| No. of Nutri smart village developed | Total Area covered | Total No of OFT organized | Total No. of FLD organized | No. of training/capacity development programme | Total No. of farmers/ beneficiaries | No of Extension programmes | Total No. of farmers/ beneficiaries |
|--------------------------------------|--------------------|---------------------------|----------------------------|--|-------------------------------------|----------------------------|-------------------------------------|
| 6 | | - | 4 | - | - | - | - |

b. Details of OFT/FLD

| | | |
|---|--|--------------------------------------|
| OFT | | |
| Nutritional Garden | - | - |
| Bio-fortified Crops | - | - |
| Value addition (in no. of Unit or no. of Enterprise) | - | - |
| Other Enterprises (in no. of Unit or no. of Enterprise) | - | - |
| | Area (ha/ no. of Unit/Enterprise) | No. of farmers/ beneficiaries |
| FLD | | |
| Nutritional Garden | 100 unit | 100 |
| Bio-fortified Crops | 11.0 ha | 22 |
| Value addition (in no. of Unit or no. of Enterprise) | - | - |
| Other Enterprises (in no. of Unit or no. of Enterprise) | - | - |

c. Details of established Nutrition Garden in Nutri-Smart village

| Sl. | Name of Nutri-Smart Village | Type of Nutrition Garden | Number | Area (sqm) | No. of beneficiaries |
|--------------|--|--------------------------|--------|---|----------------------|
| 1. | Gandhar Dhobaripachchim Surdaspur Dakshin ChotkiAkauna Maulabigha Banchilli | Backyard/Kitchen Garden | | 40X15 30X30 35X10 40X30 10X5 50X30 | 6 |
| 2. | | Community level | | | |
| 3. | | Terrace Garden | | | |
| 4. | | Vertical Garden | | | |
| TOTAL | | | | | |

d. Details of Bio-fortified crops used in Nutri-Smart village

| Name of Nutri-Smart Village | Season | Activity (OFT/FLD) | Category of crop (cereal/ pulses/oilseed/ fruits & veg./ others) | Name of Crop | Variety | Area (ha) | No. of beneficiaries |
|-----------------------------|--------|--------------------|--|--------------|------------|-----------|----------------------|
| Waina | Rabi | FLD | Cereal | Wheat | BHU-25 | 3.0 | 4 |
| Pariyawan | Rabi | FLD | Cereal | Wheat | BHU-31 | 3.0 | 4 |
| Mananpur | Rabi | FLD | Pulses | Lentil | IPL-220 | 2.5 | 7 |
| Mananpur | Rabi | FLD | Pulses | Lentil | Pusa Ageti | 2.5 | 7 |

e. Details of Value addition in Nutri-Smart village

| Name of Nutri Smart Village | Name of Crop/ veg./ fruits/ other | Name of Value-added product | Activity (OFT/FLD) | No. of farmers/ beneficiaries |
|-----------------------------|-----------------------------------|-----------------------------|--------------------|-------------------------------|
| | | | | |
| | | | | |

f. Training programmes in Nutri-Smart village

| Name of Nutri Smart Village | Area of Training | No of courses | No. of beneficiaries |
|-----------------------------|------------------|---------------|----------------------|
| | | | |
| | | | |

g. Extension activities under NARI Project

| Name of Nutri-Smart Village | Title of Activity | No. of activities | No. of beneficiaries |
|-----------------------------|-------------------|-------------------|----------------------|
| | | | |
| | | | |

h. Details of recipe contest (if applicable)

| No of events organized | Name of location/village | No. of participants |
|------------------------|--------------------------|---------------------|
| 1 N/A | | |
| 2 | | |
| 3 | | |

11.7 Attracting and Retaining Youth in Agriculture (ARYA)

| Name of enterprises | No. of entrepreneurial units established | No. of Training programs organized | No. of rural youth trained | | No. of youth established units | | Total entrepreneurial units formed | Total entrepreneurial units Functional |
|---------------------|--|------------------------------------|----------------------------|--------|--------------------------------|--------|------------------------------------|--|
| | | | Male | Female | Male | Female | | |
| N/A | | | | | | | | |

11.8 Out-scaling of Natural Farming

a. Overall achievements

| S.No | Name of Activity | No. of activities | No. of beneficiaries |
|------|-----------------------------------|-------------------|----------------------|
| 1. | Awareness programme | 3 | 158 |
| 2. | Training programme | 6 | 167 |
| 3. | Demonstrations (Paddy and Potato) | 2 (0.4 ha) | At KVK Fram |

b. Details of Training programmes

| S.No | Name of training programme | Date | Location/Venue | No. of beneficiaries |
|------|---|------------|----------------|----------------------|
| 1 | Natural farming in Moong | 24.04.2023 | Off | 38 |
| 2 | Paddy cultivation through natural farming | 03.05.2023 | Off | 21 |
| 3 | IPM in Natural Farming | 14.09.2023 | On | 19 |
| 4 | Natural farming | 08.02.2023 | Off | 33 |
| 5 | Paddy cultivation- Natural farming | 05.06.2023 | On | 26 |
| 6 | Paddy cultivation- Natural farming | 02.06.2023 | Off | 30 |

c. Details of Awareness programmes

| S.No. | Name of Activity | Date | Location/Venue | No. of beneficiaries |
|-------|---|------------|----------------|----------------------|
| 1 | Natural farming | 14.12.2022 | Off | 52 |
| 2 | Natural farming | 13.01.2023 | On | 40 |
| 3 | Pest management in paddy in Natural Farming | 17.07.2023 | On | 66 |

11.13 Report on Digital Farming Initiatives in Agriculture/ Digital Ag. Extension Service

| Phase | Database prepared/ covered for | | KVK level Committee | | Various activity conducted for farmers |
|-------|--------------------------------|----------------------|---------------------|-----------------|--|
| | Total no. of villages | Total no. of farmers | Date of formation | Name of members | |
| I | | | | | |
| II | | | | | |
| Total | | | | | |

11.14 Any other programme organized by KVK, not covered above

A. Climate Resilient Agriculture

Yield performance of Demonstration under Climate Resilient Agriculture (Rabi- 2022-23)

| Crop | Variety | Sowing Window | Intervention | Demo. (Acre) | No of Beneficiaries | Grain yield (q/ha) | | Straw yield (q/ha) | | Net Return (INR) | | B:C Ratio | |
|-----------------|------------------------|---------------|----------------------|--------------|---------------------|--------------------|-----------|--------------------|-------|------------------|--------|-----------|------|
| | | | | | | De mo | F.P. | De mo | F.P. | De mo | F.P. | De mo | F.P. |
| Wheat | HD 2967 | 22-28 Nov | ZT | 386 | 443 | 39.5 | 36.80 | 56.4 | 56.0 | 52138 | 41000 | 2.64 | 2.10 |
| Wheat | S.Sreshth, S. Samridhi | 22-28 Nov | Happy Seeder | 60 | 129 | 40.1 | 36.80 | 56.4 | 56.0 | 53413 | 41000 | 2.68 | 2.10 |
| Wheat + Mustard | HD DBW-187+ PM-30 | 22-28 Nov | Intercropping | 10 | 14 | 38.7 + 1.56 | 35.6+1.67 | 56.4 | 56.0 | 58939 | 47550 | 2.85 | 2.28 |
| Lentil | IPL316 | 15-21 Nov | ZT | 60 | 96 | 15.2 | 12.70 | 18.9 | 18.9 | 67700 | 50700 | 3.88 | 2.99 |
| Chickpea | RVG202 | 15-21 Nov | ZT | 45 | 121 | 16.7 | 14.50 | 22.1 | 20.0 | 63041 | 48935 | 3.59 | 2.82 |
| Maize | DMR H-1308 | 15-21 Nov | RBP | 25 | 55 | 81.5 | 76.80 | 183.3 | 160.4 | 110503 | 104782 | 3.24 | 3.28 |
| Mustard | PM-30 | 15-21 Nov | ZT | 10 | 10 | 11.5 | 10.20 | 31.9 | 31.6 | 40175 | 29390 | 2.79 | 2.12 |
| Potato | K. pukraj | 15-21 Nov | PBFS | 2 | 79 | 270 | 238.00 | 0 | 0 | 255800 | 219100 | 4.75 | 4.29 |
| Linseed | Sabour Tisi-1 | 15-21 Nov | Crop Diversification | 3 | 14 | 10.6 | 9.2 | 23.6 | 22.9 | 61398 | 49936 | 3.84 | 3.26 |
| Wheat | HD DBW-187 | 22-28 Nov | INM | 20 | 30 | 41.3 | 36.80 | 56.4 | 56.0 | 55963 | 41000 | 2.76 | 2.10 |

| | | | | | | | | | | | | | |
|---------|-------|-----------|-----|---|----|------|-------|------|------|-------|-------|------|------|
| Mustard | PM-30 | 15-21 Nov | INM | 2 | 10 | 12.1 | 10.20 | 31.9 | 31.6 | 43445 | 29390 | 2.93 | 2.12 |
|---------|-------|-----------|-----|---|----|------|-------|------|------|-------|-------|------|------|

Yield performance of Demonstration under Climate Resilient Agriculture (Summer- 2023)

| Crop | Variety | Sowing Window | Intervention | Demonstration (Acre) | No of Beneficiaries | Grain yield (q/ha) | | Straw yield (q/ha) | | Net Return (INR) | | B:C Ratio | |
|-----------|---------|---------------|--------------|----------------------|---------------------|--------------------|------|--------------------|------|------------------|-------|-----------|------|
| | | | | | | Demo | F.P. | Demo | F.P. | Demo | F.P. | Demo | F.P. |
| Greengram | Virat | 15-21 April | ZT | 260 | 749 | 7.5 | 7.0 | 12.2 | 11.3 | 36363 | 29585 | 2.67 | 2.20 |

Yield performance of Climate Resilient Agriculture Programme Demonstration (Kharif- 2023)

| Sl. No. | Name of technical intervention | Yield (q/h a) | | Cost of Cultivation (Rs ha ⁻¹) | | Gross Return (Rs ha ⁻¹) | | Net Return (Rs ha ⁻¹) | | B:C ratio | |
|---------|--------------------------------|---------------|-------------|--|-------------|-------------------------------------|-------------|-----------------------------------|-------------|-----------|-------------|
| | | Demo | Local check | Demo | Local check | Demo | Local check | Demo | Local check | Demo | Local check |
| 1 | DSR (R. Sweta) | 46.2 | 42.6 | 33400 | 38200 | 100855 | 92996 | 67455 | 54796 | 3.02 | 2.43 |
| | DSR (S. Harshit) | 45.1 | 42.8 | 33400 | 38200 | 98453 | 93432 | 65053 | 55232 | 2.95 | 2.45 |
| 2 | AWD(Paddy) | 43.4 | 40.7 | 38600 | 39100 | 94742 | 88848 | 56142 | 49748 | 2.45 | 2.27 |
| 3 | WH&FB(Paddy) | 46.2 | 42.2 | 39100 | 37800 | 100855 | 92123 | 61755 | 54323 | 2.58 | 2.44 |
| 4 | INM (Paddy) | 48.1 | 42.4 | 37600 | 38500 | 105002 | 92559 | 67402 | 54059 | 2.79 | 2.40 |
| 5 | Raised Bed Maize | 82.7 | 74.1 | 40800 | 42300 | 172843 | 154869 | 132043 | 112569 | 4.24 | 3.66 |
| 6 | Millet (Ragi) | 12.4 | 9.7 | 11600 | 13100 | 47690 | 37306 | 36090 | 24206 | 4.11 | 2.85 |

Demonstration under Climate Resilient Agriculture (Rabi- 2023-24)

| Crop | Technology | Target (Acre) | Achievement (Acre) | No. of participants |
|----------|-----------------------------|---------------|--------------------|---------------------|
| Wheat | Zero Tillage Technology | 400 | 400 | 403 |
| | Happy seeder wheat | 30 | 30 | 32 |
| | NE/Green seeker based INM | 80 | 80 | 80 |
| Maize | Raised Bed Planting (Maize) | 5 | 5 | 14 |
| Chickpea | Zero Tillage Technology | 25 | 25 | 30 |
| Lentil | Zero Tillage Technology | 50 | 50 | 50 |
| Mustard | Raised Bed/ZT Planting | 10 | 10 | 10 |
| Potato | Raised Bed Planting | 3 | 3 | 30 |
| Total | | 603 | 603 | 649 |

CRAP Capacity Building Programme

| Sl.No. | Name of the programme | Date of the programme | Venue | Purpose | No. of participants |
|--------|---|-----------------------|-----------|---|---------------------|
| 1 | Within state exposure visit under CRA Programme | 07.02.2023 | KVK, Gaya | Within state exposure visit under CRA Programme | 67 |
| 2 | Training cum exposure visit | 09-11.02.2023 | IRRI, | Training cum exposure visit | 10 |

| | “Rice post production practices” under CRA programme | | IRISAC Varanasi | “Rice post production practices” under CRA programme | |
|----|---|------------|--------------------------|---|-----|
| 3 | Within state exposure visit | 24.02.2023 | BAU, sabour | Within state exposure visit | 125 |
| 4 | Within District exposure visit for Women of Makhdumpur block under CRA programme | 21.03.2023 | KVK farm and CRA village | Within District exposure visit for Women of Makhdumpur block under CRA programme | 48 |
| 5 | Within District exposure visit for Women of Okri panchayat under CRA programme | 17.03.2023 | KVK farm and CRA village | Within District exposure visit for Women of Okri panchayat under CRA programme | 64 |
| 6 | Within state exposure visit under CRA Programme | 17.03.2023 | KVK, aurangabad | Within state exposure visit under CRA Programme | 50 |
| 7 | Within state exposure visit under CRA programme | 22.03.2023 | KVK, Nalanda | Within state exposure visit under CRA programme | 48 |
| 8 | Within state exposure visit under CRA programme | 24.03.2023 | KVK, Gaya | Within state exposure visit under CRA programme | 40 |
| 9 | Within District exposure visit Jehanabad | 12.10.2023 | KVK farm and CRA village | Within District exposure visit Jehanabad | 34 |
| 10 | Within District exposure visit Jehanabad | 13.10.2023 | KVK farm and CRA village | Within District exposure visit Jehanabad | 32 |
| 11 | Within District exposure visit Ghosi | 16.10.2023 | KVK farm and CRA village | Within District exposure visit Ghosi | 80 |
| 12 | Within District exposure visit Makhdumpur | 17.10.2023 | KVK farm and CRA village | Within District exposure visit Makhdumpur | 58 |
| 13 | Within District exposure visit Kako | 31.10.2023 | KVK farm and CRA village | Within District exposure visit Kako | 42 |
| 14 | Within District exposure visit Modanganj | 01.11.2023 | KVK farm and CRA village | Within District exposure visit Modanganj | 91 |
| 15 | Within District exposure visit Kako | 10.11.2023 | KVK farm and CRA village | Within District exposure visit Kako | 64 |
| 16 | Exposure visit of Board member of FPO, Kako | 20.06.2023 | KVK farm and CRA village | Exposure visit of Board member of FPO, Kako | 11 |
| 17 | Exposure visit of LTE plot at KVK, Jehanabad plot | 06.07.2023 | KVK farm and CRA village | Exposure visit of LTE plot at KVK, Jehanabad plot | 48 |
| 18 | Exposure visit and training of farmer under CRA in presence of Agriculture Minister, Govt. of Bihar | 17.06.2023 | KVK, Manpur, Gaya | Exposure visit and training of farmer under CRA in presence of Agriculture Minister, Govt. of Bihar | 09 |
| 19 | Inter State Exposure Visit Cum Training in Jabalpur, M.P. organized by BISA | 24.09.2023 | BISA, Jabalpur | Inter State Exposure Visit Cum Training in Jabalpur, M.P. organized by BISA | 09 |
| 20 | Within State Exposure Visit Cum Training organized two programme under Climate | 30.09.2023 | KVK, Manpur, Gaya | Within State Exposure Visit Cum Training organized two programme under Climate | 38 |

| | |
|--|--|
| Resilient Agriculture (CRA);1. Inauguration of Community Radio Station (89.6 FM) in KVK Gaya by Kumar Sarvjeet, Agriculture Minister of Bihar. 2. Workshop on title 'Magadh Pramandal Me Krishi Vividhikaran Ki Sambhavana'.by Krishi Vigyan Kendra, Manpur, Gaya. | Resilient Agriculture (CRA);1. Inauguration of Community Radio Station (89.6 FM) in KVK Gaya by Kumar Sarvjeet, Agriculture Minister of Bihar. 2. Workshop on title 'Magadh Pramandal Me Krishi Vividhikaran Ki Sambhavana'.by Krishi Vigyan Kendra, Manpur, Gaya. |
|--|--|

Field Day under CRA

| Date | Village | Participants |
|------------|----------------|--------------|
| 06.02.2023 | Sahpur | 65 |
| 17.02.2023 | Sakrorha | 59 |
| 14.03.2023 | Pariyawan | 54 |
| 15.03.2023 | Mananpur | 48 |
| 27.03.2023 | Chappanna | 136 |
| 28.03.2023 | Korma | 107 |
| 31.03.2023 | Waina | 124 |
| 09.10.2023 | Amarpur Pali | 15 |
| 07.11.2023 | Nigar pali | 10 |
| 23.11.2023 | KVK, Jehanabad | 30 |
| 30.11.2023 | Charue | 31 |
| 28.11.2023 | Waina | 89 |
| 25.11.2023 | Chappanna | 134 |

B. IRRI project:

OFT, Cluster Demonstration, Minikit Demonstration, Crop cafeteria under IRRI project

Yield Performance of IRRI OFT at Farmers Field Kharif 2023:

| Sl.No. | Variety Name | Sowing Date | Average effective tillers | Average Plant height (CM) | Average Panical Length (CM) | Average Grains /Panicales | Average unfilled grains / Panical | Yield (t/ha) | Test wt (gm) |
|--------|---------------|-------------|---------------------------|---------------------------|-----------------------------|---------------------------|-----------------------------------|--------------|--------------|
| 1 | CR Dhan 804 | 25-06-2023 | 16 | 105 | 20.0 | 138 | 18 | 5.38 | 26.9 |
| 2 | R. Bhagwati | 25-06-2023 | 19 | 123.9 | 24.7 | 176 | 27 | 4.84 | 28.0 |
| 3 | Uttar Sona | 25-06-2023 | 14 | 115.1 | 21.8 | 136 | 20 | 5.38 | 25.9 |
| 4 | C.O. 51 | 25-06-2023 | 14 | 93.10 | 23.0 | 151 | 29 | 5.2 | 20.9 |
| 5 | IR 64 SUB 1 | 25-06-2023 | 19 | 98.10 | 23.9 | 160 | 27 | 5.56 | 27.1 |
| 6 | Uttar Lakshmi | 25-06-2023 | 10 | 114.0 | 24.7 | 132 | 21 | 4.98 | 24.0 |

Yield Performance of IRRI Crop Cafeteria at KVK Farm Kharif 2023:

| Sl.No. | Variety Name | Sowing Date | Average effective tillers | Average Plant height (CM) | Average Panical Length (CM) | Average Grains /Panicales | Average unfilled grains / Panical | Yield (t/ha) | Test wt (gm) |
|--------|--------------------|-------------|---------------------------|---------------------------|-----------------------------|---------------------------|-----------------------------------|--------------|--------------|
| 1 | Tripura Hakachuk-2 | 26-06-2023 | 12 | 115.3 | 26.6 | 182 | 20 | 5.32 | 19.7 |
| 2 | BRRI 100 | 26-06-2023 | 12 | 110.1 | 22.3 | 225 | 18 | 4.8 | 25.4 |

| | | | | | | | | | |
|----|--------------------|------------|----|-------|------|-----|----|------|------|
| 3 | Swarna Shreya | 26-06-2023 | 13 | 112.6 | 24.6 | 237 | 18 | 5.6 | 19.9 |
| 4 | Bina 17 | 26-06-2023 | 15 | 125.3 | 23.1 | 220 | 16 | 5.8 | 26.6 |
| 5 | Rajendra Saraswati | 26-06-2023 | 13 | 105.6 | 25.1 | 186 | 14 | 5.2 | 27.4 |
| 6 | BRR1 75 | 26-06-2023 | 15 | 95.4 | 24.4 | 202 | 18 | 5.88 | 24.6 |
| 7 | PR 130 | 26-06-2023 | 16 | 121.3 | 24.1 | 180 | 14 | 6.08 | 26.6 |
| 8 | BRR1 84 | 26-06-2023 | 10 | 105 | 20.5 | 237 | 18 | 4.6 | 24.5 |
| 9 | Bina Dhan 11 | 26-06-2023 | 16 | 104.3 | 24.3 | 125 | 17 | 6.0 | 24.5 |
| 10 | IR 64 Sub 1 | 26-06-2023 | 10 | 112.3 | 24.9 | 195 | 16 | 5.28 | 22.3 |
| 11 | PR 126 | 26-06-2023 | 15 | 108.5 | 26.3 | 178 | 14 | 6.0 | 25.3 |
| 12 | NLR 4001 | 05-07-2023 | 17 | 106.6 | 25.8 | 180 | 17 | 6.6 | 20.3 |
| 13 | Swarna Samridhhi | 05-07-2023 | 16 | 100.1 | 25.6 | 212 | 17 | 6.60 | 27.1 |
| 14 | NLR 40054 | 05-07-2023 | 15 | 105.5 | 27.7 | 203 | 15 | 6.0 | 18.5 |
| 15 | Telangana Sona | 05-07-2023 | 14 | 95.6 | 23.6 | 220 | 10 | 5.12 | 15.3 |
| 16 | Sabour Heera | 05-07-2023 | 13 | 90.8 | 28.4 | 215 | 12 | 6.56 | 21.1 |
| 17 | CO 56 | 05-07-2023 | 15 | 135.5 | 23.1 | 160 | 15 | 6.08 | 20.5 |
| 18 | DRR Dhan 50 | 05-07-2023 | 11 | 125.6 | 23.2 | 190 | 16 | 4.84 | 17.6 |
| 19 | HUR 917 | 05-07-2023 | 12 | 117.5 | 23.1 | 156 | 10 | 4.88 | 18.7 |
| 20 | CG Devbhog | 05-07-2023 | 15 | 128.4 | 25.6 | 193 | 18 | 6.16 | 20.5 |

C. Eradication of Malnutrition Programme

| Particular | Village: Godsar (Ghosi), Jehanabad | |
|------------------------------|------------------------------------|--------------|
| | Activity/No./Area | No. of Bene. |
| Kitchen Garden Kit | 5 No. | 100 |
| Child Health Survey 20.07.23 | 1 No. | 86 |
| Animal Health Camp | 2 No | 139 |
| Poultry Distribution | 1500 No. | 30 |

| Particulars | Adopted Village | Awareness Programme | | Capacity Building | |
|-----------------------------|-----------------|---------------------|--------------------|-------------------|--------------------|
| | | No. of Programme | No. of Beneficiary | No. of Programme | No. of Beneficiary |
| Eradication of Malnutrition | Godsar (Ghosi) | 13 | 659 | 12 | 336 |

| Particulars | Adopted Village | Health Parameter | | | |
|-------------|-----------------|------------------|--------|--------|------|
| | | Age | Height | Weight | HB % |
| | | | | | |

| | | | | | |
|-----------------------------|--------|-------|----------|-------|------|
| Eradication of Malnutrition | Godsar | 08-15 | 4.5 Feet | 26 Kg | 7-8% |
|-----------------------------|--------|-------|----------|-------|------|

D. Centre for Excellence for Millets Value Chain Project Capacity Building:

| Particulars | Awareness Programme | | Capacity Building (Training) | |
|------------------|---------------------|--------------------|------------------------------|--------------------|
| | No. of Programme | No. of Beneficiary | No. of Programme | No. of Beneficiary |
| Millet Promotion | 14 | 1030 | 9 | 236 |

Germplasm Evaluation:

| Project | Crop | Germplasm | Variety | Total |
|---|------------------|-----------|-----------|------------|
| Centre for Excellence for Millets Value Chain | Finger millet | 6 | 7 | 42 |
| | Foxtail Millets | 5 | 7 | 35 |
| | Proso Millets | 7 | 5 | 35 |
| | Barnyard millets | 9 | 4 | 36 |
| | Little Millets | 7 | 5 | 35 |
| | Kodo millets | 8 | 4 | 32 |
| | Total | 42 | 32 | 215 |

12 Good quality action photographs

| | | |
|---|--|---|
|  |  |  |
| Training on eradication on Malnutrition | FLD Demo | FLD of poultry |
|  |  |  |
| Celebration of Environment day | Yoga day celebration | Training programme |



Training on eradication of malnutrition at Vill- Godsar



Training programme



Training programme



LTE field visit



Training



Training on Goat Farming



Ho'ble PM interaction



Technology Day celebration



DSR sown under CRA (LTE)



Training on zero tillage under CRA



Pickle of mushroom made by progressive farmers



Exhibition of Different By- products of Millets



Maan ki baat Live Telecast



Animal Health Camp at Village



Training on Dairy management



Mahaabhiyan on eradication of malnutrition



Distribution of Veg. Kit (SCSP)



Ht. Wt. etc measurement of the children of school



Training cum awareness programme



Training cum awareness programme



Visit of official of Ministry Agriculture, Govt. of India



Mushroom pickle made by progressive farmers



Hon'ble MLA, Ghoshi constituency visited at KVK farm



Training programme



FLD



Training on CFLD



Field day celebration under CFLD



Field day celebration under CFLD



Use of Fertilizer broadcaster machine under FLD



Backyard Poultry farming Under FLD



OFT on Effect of intrauterine antimicrobials treatment in repeat breeding cross bred cows.



CFLD Oilseed and Pulses



OFT on Management of nematode in Okra



OFT on Assessment of Cut Off ratio in wheat irrigation



OFT on Assessment of fungicides for the management of Sheath blight of Rice



Natural Farming at KVK farm





Centre for Excellence for Millets Value Chain : Millets Crop Demonstration



Eradication of Malnutrition



IRRI :OFT on varietal evaluation of 6 paddy varieties



Trial and Demo. Under IRRI programme



Natural Farming/ Organic farming





Vikshit Bharat Sankal Yatra



Swachhtapgramme



Celebration of important day

Climate Resilient Agriculture Programme:



Laser Land Leveller Demonstration

Laser Land Leveller Demonstration

ZT Moong Demostration



ZT Moong Demonstration



Irrigation Facility in CRA Village



Ragi Millets Demo



CRA Millets Demo



Crpo Cutting CRA Paddy Plot



CRA RB Maize Demo



ZT Wheat Demonstration



ZT Lentil Demo



Field Day Kharif (CRA)



Field Training CRA



Farm Impliment Field Training



Training on DSR



Field Day cum Training



Training



Field Day Kharif (CRA)



DSR Demonstration



CRA Photographs



RAWE Programme
