

ANNUAL PROGRESS REPORT

April 2013 to March 2014

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Instructions for Filling the Format

- 1. Do not change/modify/ delete any column of any of the table. However, additional rows can be created, if required.**
- 2. Do not merge columns, rows.**
- 3. Please repeat the name of KVK in each table in the column “Name of KVK”**
- 4. Do not fill the non-numerical values in numeric field**
- 5. Do not repeat the unit while reporting data as it is already mentioned in the heading row**
- 6. Strictly fill the data in desired unit only. If it is reported in other unit, convert it in the desired unit**
- 7. Please mention only standard English names of crops (Do not mention Urd, Arhar, Til, Kulthi, Moong, Bajra, etc.)**
- 8. Additional relevant information may be provided at the end of Format by creating heading “Additional Information”**
- 9. Also read the instructions mentioned just below the table**
- 10. Your suggestions for improvement in the format for your simplicity as well as data compilation may be given at the end of the format**
- 11. Do not press any Enter Key in any of the columns while making entry in the columns of the table. Use only arrow key /Tab key/ mouse pointer while movement from one column/row to another.**
- 12. Gray color cells in summary table need not to be filled.**
- 13. Crop name should be spelled correct and standard English name should be used i.e Cereals, Pulses, Oilseed:- Paddy (not use Paddy), Wheat, Barley, Kodo, Kutki, Maize, Jwar, Bajra, Pigeon pea (not use Tur, Arhar, Red gram), Blackgram (not use Urd), Greengram (not use Moong/Moongbean), Chickpea (not use Horse gram, Gram, Chana), Field pea, Horse gram (Kulthi), Lentil, Mustard (not use Rai, Sarsoan), Soybean, Linseed, Groundnut, Sesame (not use Til), Niger (not use Ram Til), Safflower (not use Kusum).
Vegetable :- Vegetable pea, Bottle guard, Bitter guard, Okra (not use Bhindi or Ladies finger).
Fruits :- Mango, Guava, Custard apple, Pear etc.
Spices :- Black Peeper, Turmeric, Ginger, Cardamom etc.**

REPORTING PERIOD – April 2013 to March 2014

Summary of KVK Annual Report (Quantifiable Achievement) for the year 2013-14

| S.N. | Quantifiable Achievement | Number | Beneficiaries (nos.) | |
|----------|--|--------------------------|-----------------------------|---------------------|
| 1 | On Farm Testing | | | |
| | Proposed OFT | 10 | 40 | |
| | On Going OFT | 01 | 07 | |
| | Technologies assessed (Completed OFT) | 07 | 28 | |
| | Technologies refined | 00 | 00 | |
| | On farm trials conducted | 00 | 00 | |
| 2 | Frontline demonstrations | 00 | 00 | |
| | Proposed Frontline demonstrations | 14 | 00 | |
| | On Going Frontline demonstrations | 04 | 30 | |
| | FLDs conducted on crops | 08 | 89 | |
| | Area under crops (ha.) | 37 | 89 | |
| | FLD on farm implement and tools | 01 | 12 | |
| | FLD on livestock/ AH enterprises (Dairy/ Sheep and Goat/Poultry/ Duckery/ Piggery etc.) | 01 | 10 | |
| | FLD on Fisheries - Finger lings | 02 | 08 | |
| | FLD on other enterprises (Bee keeping, lac, mushroom, sericulture, value addition, vermi compost, etc.) | 01 | 05 | |
| | FLD on Women in Agriculture - (Nutritional garden, Income generation, Value addition, Drudgery reduction, etc.) | 00 | 00 | |
| 3 | Training programmes | No. of Course | Duration (days) | Participants |
| | Farmers | 26 | 26 | 708 |
| | Farm women | 5 | 5 | 125 |
| | Rural youth | 4 | 10 | 131 |
| | Extension personnel/ In service | 00 | 00 | 00 |
| | Vocational trainings | 3 | 5 | 112 |
| | Sponsored Training | 23 | 1 | 659 |
| | Total | 61 | 18 | 1735 |
| | | No. of programmes | Participants | |
| 4 | Extension Programmes | 535 | 8266 | |
| 5 | Production of technology inputs etc | Qty | Beneficiaries (nos.) | |
| | Seed (qt.) | 175.16 | 300 | |
| | Planting material produced (nos.) | 00 | 00 | |
| 6 | Livestock | Qty | Beneficiaries (nos.) | |
| | Livestock strains (Nos) | 00 | 00 | |
| | Milk Yield - Cow, Buffelo etc. (in liter) | 00 | 00 | |
| | Fish (Kg.) | 00 | 00 | |
| | Fingerlings (nos.) | 00 | 00 | |
| | Poultry-Eggs (nos.) | 00 | 00 | |
| | Ducks (nos.) | 00 | 00 | |

| | | | |
|-----------|--|-----------------------------|------------------------------------|
| | Chicks etc. (nos.) | 00 | 00 |
| 7 | Bio Products | Qty | Beneficiaries (nos.) |
| | Bio Agents -Earth worm (Kg.) | 00 | 00 |
| | Trichoderma (kg.) | 00 | 00 |
| | Bio Fertilizers- Vermi compost, Rhizobium, PSB , BGA , Mycorriza , Azotobacter , Azospirillum etc. (Kg.) | 00 | 00 |
| | Bio Pesticide-Panchgawya, Neem Extract , Neem oil etc.(lit.) | 00 | 00 |
| 8 | Any other significant achievement in the Zone | Nos. | Participants/ beneficiaries |
| | Award (Best KVK award and scientist and farmer's award) | 06 | 06 |
| | Publications (Res. Paper/ pop. Art./Bulletin,etc.) | 05 | Mass |
| | KVK News letter | 04 | 4000 |
| | SAC Meetings conducted | 01 | 36 |
| | Soil sample tested | 00 | 00 |
| | Water sample tested | 00 | 00 |
| | RWH System (Special training and field visit on RWH structure and MIS in KVKs) | 00 | 00 |
| | KVK-KMA (Message and beneficiaries) | 37 | 1761 |
| | Convergence programmes | 00 | 00 |
| | Sponsored programmes | 01 | 124 |
| | KVK Progressive Farmers interaction | 10 | 100 |
| | No. of Technology Week Celebrations | 01 | 150 |
| | Attended HRD activities organized by ZPD | 00 | 00 |
| | Attended HRD activities organized by DES | 00 | 00 |
| | Attended HRD activities by KVK Staff(Refresher /Short course, Training programme etc.) | 00 | 00 |
| 9 | Current status of Revolving Funds (Amt. in Rs.) | 1205077.00 | |
| 10 | | No. of blocks | No. of villages |
| | Outreach of KVK in the District | 04 | 117 |
| 11 | | ICAR | SAU Others |
| | No. of important visitors to KVK (nos.) | 02 | 11 05 |
| 12 | | Working (Yes/No) | No. of Update |
| | Status of KVK Website | Yes | 06 |
| 13 | | Application received | Application disposed |
| | Status of RTI (nos.) | No | No |
| 14 | | Query received | Query dissolved |
| | Citizen Charter (nos.) | No | No |
| 15 | | Working (Yes/No) | No. of programme viewed |
| | E-connectivity | No | No |
| 16 | | Filled | Vacant |
| | Staff Position | 13 | 03 |
| 17 | Workshop/ Seminar/ Conference attended by staff of KVK (nos) | 06 | |
| 18 | Publication received from ICAR /other organization (nos.) | 42 | |
| 19 | | Particulars | Organization |
| | Agri alerts (epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, | No | No |

GENERAL INFORMATION

1.1. Staff Position (as on date)

Summary of Staff position in KVKs on March, 2014

| Name of KVK | Sanctioned Posts | PC (1) | | SMS (6) | | PA (3) | | Admn. (6) | | Total | |
|-------------|------------------|--------|--------|---------|--------|--------|--------|-----------|--------|-------|--------|
| | | Sanc. | Filled | Sanc. | Filled | Sanc. | Filled | Sanc. | Filled | Sanc. | Filled |
| Kawardha | 16 | 1 | 1 | 6 | 5 | 3 | 2 | 6 | 5 | 16 | 13 |

| Name of KVK | Sanction post | Name of the incumbent | Discipline | Higist degree | Subject of specilization | Pay scale | Present pay | Date of joing | Per./Temp. | Category |
|-------------|--------------------------------|--------------------------|------------------------|---------------|--------------------------|---------------------------|-------------|---------------|--------------------------|----------|
| Kawar dha | Programme Coordinator | Dr. T.D.Sahu | Soil Science | Ph. D. | Soil Science | 15600-39100 + 6000 AGP | 27310 | 25.10.07 | Temporary | OBC |
| Kawar dha | Subject Matter Specialist1 | Smt. Sulochana Bhuyan | Fisheries | M. F. Sc. | Inland Fisheries | 8000-13500 | 12000 | 25.10.07 | Temporary (On Probation) | OBC |
| Kawar dha | Subject Matter Specialist2 | Dr. B.P.Tripathi | Plant Pathology | Ph. D. | Plant Pathology | 15600-39100 + 5400 AGP | 21000 | 06.09.12 | Temporary (On Probation) | Others |
| Kawar dha | Subject Matter Specialist3 | Dr. Nutan Ramteke | L.P.M | M. V. Sc. | L.P.M | 15600-39100 + 5400 AGP | 21000 | 06.09.12 | Temporary (On Probation) | SC |
| Kawar dha | Subject Matter Specialist4 | Dr. S.K.Upadhyay | Agronomy | Ph. D. | Agronomy | 15600-39100 + 5400 AGP | 26230 | 06.09.12 | Temporary (On Probation) | Others |
| Kawar dha | Subject Matter Specialist5 | Er. T.S.Sonwani | F.M.P | M. Tech. | F.M.P | 15600-39100 + 5400 AGP | 21000 | 10.09.12 | Temporary (On Probation) | SC |
| Kawar dha | Subject Matter Specialist6 | Smt. Pramila Kant | Horticulture | M. Sc. | Horticulture | 15600-39100 + 5400 AGP | 21000 | 12.09.12 | Temporary (On Probation) | SC |
| Kawar dha | Programme Assistant (Computer) | Mr. Yogesh Kumar Kaushik | Information Technology | BE (IT) | Information Technology | 9300-34200+4200 | 13500 | 12.07.2013 | Temporary (On | Others |

| Name of KVK | Sanction post | Name of the incumbent | Discipline | Higist degree | Subject of specilization | Pay scale | Present pay | Date of joing | Per./Temp. | Category |
|------------------|-----------------------------|-----------------------|------------|------------------|--------------------------|-------------------------|-------------|---------------|--------------------------|----------|
| | | | | | | AGP | | | Probation) | |
| Kawar dha | Farm Manager | .Shri B.S.Parihar | Agromony | M. Sc | Agromony | 9300-34200+4200 AGP | 13500 | 12.09.12 | Temporary (On Probation) | Others |
| Kawar dha | Computer Programmer | Vacant | | | | | | | | |
| Kawar dha | Accountant / superintendent | Shri A. K. Tiwari | | M. A. | | 5200 – 20200 + 2800 AGP | 14280 | 28.07.10 | Temporary | Others |
| Kawar dha | Stenographer | Vacant | | | | | | | | |
| Kawar dha | Driver | Shri Khileshwar | | Higher Secondary | | 5200-20200 +1900AGP | 7100 | 01.04.13 | Temporary (On Probation) | OBC |
| Kawar dha | Driver | Shri Harad Ram | | Primary | | 5200-20200 +1900AGP | 7100 | 01.04.13 | Temporary (On Probation) | OBC |
| Kawar dha | Supporting staff | Shri. Salik Ram Lodhi | | Middle | | 4750 – 7400 + 1300 AGP | 6830 | 16.09.08 | Temporary (On Probation) | OBC |
| Kawar dha | Supporting staff | Shri Shiv Kumar Lodhi | | Primary | | 4750 – 7400 + 1300 AGP | 6830 | 16.09.08 | Temporary (On Probation) | OBC |

1.2. DISTRICT PROFILE (detail of geographical area, cultivation, Land, resources, opportunities, irrigation, populations etc.)–

| Sr. No. | Particulars | Quantity/Area |
|---------|------------------------|---------------|
| 1. | Geographic Area | 4.44 lac ha |
| 2. | Rainfall | 830.00 mm |
| 3. | Forest Area | 1.81 lac ha |
| 4. | Double Cropped Area | 0.91 lac ha |
| 5. | <i>Kharif</i> Area | 1.58 lac ha |
| 6. | <i>Rabi</i> Area | 1.19 lac ha |
| 7. | Total Cultivated Area | 2.77 lac ha |
| 8. | Net Cultivated Area | 1.85 lac ha |
| 9. | Cropping Intensity | 149 % |
| 10. | Barren Land | 1.84 lac ha |
| 11. | Cultivable fallow land | 0.027 lac ha |
| 12. | Pasture lands | 0.28 lac ha |
| 13. | Kharif Irrigated Area | 0.75 lac ha |
| 14. | Rabi Irrigated Area | 0.42 lac ha |
| 15. | Net Irrigated Area | 0.69 lac ha |

| KVK Name | Agro-climatic zone | No . of Blocks | No. of Panchayats | Population | Literacy | SC and ST Population | No. of farmers | Average land holding |
|----------|--------------------|----------------|-------------------|------------|----------|----------------------|----------------|----------------------|
| Kawardha | | 04 | 371 | 539660 | 61.95% | 62466 | 154040 | 1.8 ha |

1.3. DETAILS OF ADOPTED VILLAGE during the reporting period (Approved by competent Authority in meetings/workshops)

| KVK Name | Village Name | Year of adoption | Block Name | Distance from KVK | Population | Number of farmers (having land in the village) |
|----------|--------------|------------------|------------|-------------------|------------|--|
| Kawardha | Chardongri | 2013-14 | Kawardha | 12km | 1200 | 175 |
| Kawrdha | Kosmanda | 2013-14 | S.Lohara | 45km | 1000 | 125 |

1.4. THRUST AREAS identified by KVK (Approved by competent Authority in meetings/workshop)

| KVK Name | THRUST AREA |
|----------|--|
| Kawardha | Varietal replacement in various crops |
| Kawardha | Change in Paddy-chick pea/ soybean- chick pea cropping systems |
| Kawardha | Introduction of sugarcane varieties resistant to red rot, root borer and shoot borer |
| Kawardha | Insuring production and availability of <i>Trichoderma viride</i> locally |
| Kawardha | Combined use of organic manures and inorganic fertilizer |
| Kawardha | Enhancement of milk & meat productivity through improved breeds |
| Kawardha | Farm mechanization through improved agricultural implements |
| Kawardha | Employment generation for rural women & rural youth through income generation activities |

1.4. PROBLEM IDENTIFIED by KVK (Approved by competent Authority in meetings/workshop)

| KVK Name | Problem identified | Methods of problem identification | Location Name of Village & Block |
|-----------------|---|--|---|
| Kawardha | Lack of awareness of improved agricultural technologies | Discussion with farmers, field visit | Samnapur/Bodla |
| Kawardha | Non-availability of quality seeds of suitable HYVs | Discussion with farmers | Sonversa/Kawardha |
| Kawardha | Lack of suitable agricultural implements for seeding of crops | Discussion with farmers, field visit | Babhani/Kawardha |
| Kawardha | Lack of proper agricultural infrastructures including irrigation | Discussion with farmers | Chharbhata/Kawardha |
| Kawardha | Non-awareness regarding effective control of various pests and diseases (insects, diseases and weeds) | Discussion with farmers and Field visit | Bagahara/Pandariya |
| Kawardha | High incidence of pests and diseases, Improper use of fertilizer and chemicals | Discussion with farmers, field visit | Tilaeebhat/Lohara |
| Kawardha | Less knowledge about post harvest handling of agriculture produce | Discussion with farmers, field visit | Bedarchi/Bodla |

2. On Farm Testing

Note-

* Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.

*Crop name should be spelled correct and standard English name should be used i.e Chick pea in place of gram/chana , Paddy in place of Paddy/chawal, brinjal in place of egg plant/bhata/baigan etc.

*Don't press enter key to navigate among column use arrow or tab key

*don't add space before or after statement within the table cell

2.1 Information about OFT

| KVK name | Year | Season | Problem diagnose | Title of OFT | Category of technology (Assessment/Refinement) | Thematic Area | Crop/enterprise | Farmin g Situations | No. of trials | Results (q/ha) | | Net Returns (Rs./ha) | | Recommen dations |
|----------|------|--------|---|--|--|----------------------------|--------------------|---------------------|---------------|----------------------|----------------------|----------------------|----------------------|------------------|
| | | | | | | | | | | FP (T ₁) | RP (T ₂) | FP (T ₁) | RP (T ₂) | |
| Kawardha | 2013 | Kharif | Use of high seed rate coupled with heavy infestation of weeds in biasi system of Paddy cultivation.Sometimes crop fails due to drought situation occurred at the time of biasi. Sometimes crop fails due to drought situation occurred at the time of biasi | Evaluation of improvem ent in <i>Biasi</i> cultivation of Paddy through crop manage ment | Assessment | Integrated crop management | Paddy / Herbecides | Rainfed upland | 04 | 47.79 | 50.14 | 41627 | 45682 | |

| | | | | | | | | | | | | | | |
|----------|------|--------|--|---|------------|----------------------------|---------------------|--------------------|----|--------|--------|-------|-------|--|
| Kawardha | 2013 | Kharif | Heavy loss of crop due to stem borer infestation in Paddy | Assessment of IPM modules for stem borer in paddy | Assessment | Integrated Pest Management | Paddy /Agrochemical | Rainfed upland | 04 | 46.68 | 49.44 | 39684 | 44272 | |
| Kawardha | 2013 | Kharif | Heavy Yield Loss due to Weed Infestation, Labour Problem | Assessment of chemical weed management in Soybean | Assessment | Weed Management | Soybean/ herbicides | Rainfed upland | 04 | 12.52 | 15.46 | 29020 | 38610 | |
| Kawardha | 2013 | Kharif | Assessment of new released variety of Chilli – Indira Chilli-1 | Assessment of new released variety of Chilli | Assessment | Varietal Evaluation | Indira Chilli -1 | Irrigated mid land | 04 | 135.00 | 152.00 | 54300 | 61000 | |

| | | | | | | | | | | | | | | |
|----------|---------|---------------|---|---|------------|---------------------------------|-----------------------|------------------|----|-------|-------|-------|-------|--|
| Kawardha | 2013-14 | Kharif,& Rabi | Heavy plant mortality of Chickpea either due to collar rot or wilt complex when grown after soybean in irrigated conditions | Assessment of Soybean-based Cropping Systems Under Assured Irrigation | Assessment | Integrated crop management - | Soybean/Wheat | Rainfed mid land | 04 | 26.76 | 29.18 | 17888 | 26352 | |
| Kawardha | 2013-14 | Rabi | Low yield due to Pod Borer | Assessment of IPM modules for Gram against Pod Borer | Assessment | Integrated Pest Management | Chickpea/Agrochemical | Rainfed mid land | 04 | 7.74 | 9.44 | 8970 | 12220 | |

| | | | | | | | | | | | | | | |
|----------|---------|------|--|--|------------|----------------------------|---|-------------------|----------|--------------|------------|--------------|--------------|--|
| Kawardha | 2013-14 | Rabi | Low yield due to attack of shoot and fruit borer | Assessment of tools for control of Shoot and Fruit borer in Brinjal | Assessment | Integrated Pest Management | Brinjal/Agro chemical | Irrigated lowland | 04 | On Going OFT | | | | |
| Kawardha | 2013-14 | Rabi | Low income of landless labour due to low productivity of local breed in backyard poultry farming | Assessment on the performance of Vanaraja and Grampriya breed for growth and egg production in backyard system | Assessment | Breed evaluation - | Average Body weight of 25 Bird up to six month 1.Vanaraja (kg/bird) 2.Grampriya (kg/bird) | - | 04 04 | 0.5 0.5 | 1.4 1.2 | 2200 2200 | 6800 5550 | |

2.2 Economic Performance

| KVK name | OFT Title | Parameters | | | Average Cost of cultivation (Rs/ha) | | | Average Gross Return (Rs/ha) | | | Average Net Return (Rs/ha) | | | Benefit-Cost Ratio (Gross Return / Gross Cost) | | |
|----------|--|----------------------------|----------------------|----------------------|-------------------------------------|----------------------|--|------------------------------|----------------------|--|----------------------------|---------------------|--|--|----------------------|--|
| | | Name and unit of Parameter | FP (T ₁) | RP (T ₂) | FP (T ₁) | RP (T ₂) | Refined Practice, if any (T ₃) | FP (T ₁) | RP (T ₂) | Refined Practice, if any (T ₃) | FP (T ₁) | RP(T ₂) | Refined Practice, if any (T ₃) | FP (T ₁) | RP (T ₂) | Refined Practice, if any (T ₃) |
| Kawardha | Evaluation of improvement in <i>Biasi</i> cultivation of Paddy through crop management | Grain Yield (q/ha) | 47.79 | 50.14 | 20500 | 19500 | | 62127 | 65182 | | 41627 | 45682 | | 3.03 | 3.34 | |
| Kawardha | Assessment of IPM modules for stem borer in paddy | Grain Yield (q/ha) | 46.68 | 49.44 | 21000 | 20000 | | 60684 | 64272 | | 39684 | 44272 | | 2.88 | 3.21 | |
| Kawardha | Assessment of chemical weed management in Soybean | Grain Yield (q/ha) | 12.52 | 15.46 | 14800 | 15500 | | 43820 | 54110 | | 29020 | 38610 | | 2.96 | 3.49 | |
| Kawardha | Assessment of new released variety of Chilli – Indira Chilli-1 | Grain Yield (q/ha) | 126.00 | 152.00 | 54300 | 61000 | | 315000 | 380000 | | 260700 | 319000 | | 5.8 | 6.2 | |
| Kawardha | Assessment of IPM modules | Grain Yield (q/ha) | 7.74 | 9.44 | 14250 | 16100 | | 23220 | 28320 | | 8970 | 12220 | | 1.6 | 1.75 | |

| | | | | | | | | | | | | | | | | |
|----------|--|---|------------|------------|--------------|--------------|--|--------------|--------------|--|--------------|--------------|--|--------------|--------------|--|
| | for Chickpea against Pod Borer | | | | | | | | | | | | | | | |
| Kawardha | Assessment of Soybean-based Cropping Systems Under Assured Irrigation | Grain Yield (q/ha) | 26.76 | 29.18 | 16900 | 14500 | | 34788 | 40852 | | 17888 | 26352 | | 2.05 | 2.81 | |
| Kawardha | Assessment on the performance of Vanaraja and Grampriya breed for growth and egg production in backyard system | Average Body weight of 25 Bird up to six month 1.Vanaraja 2.Grampriya | 0.5 0.5 | 1.4 1.2 | 1550 1550 | 1950 1950 | | 3750 3750 | 8750 7500 | | 2200 2200 | 6800 5550 | | 2.41 2.41 | 4.48 3.84 | |

2.3 Information about Home Science OFT:

| KVK Name | Year | Season | Problem diagnose | Title of OFT | Category of technology (Assessment/Refinement) | Thematic Area | Details of Technology Selected for Assessment | Characteristics of Technology / Variety / Product / Enterprise | Farming / Enterprise Situation | No. of trials | Recommendations |
|----------|------|--------|------------------|--------------|--|---------------|---|--|--------------------------------|---------------|-----------------|
| | | | | | | | | | | | |

2.4 Economic Performance Home Science OFT:

| KVK name | OFT Title | Performance Indicator / Parameter | | | | | | | | | | | | | | | | | | | | | |
|----------|-----------|-----------------------------------|----|---------------------------------|----|--------------|----|-------------------------|----|--------------------------|----|---------------------|----|---------------|----|--------------------|----|--------------|----|------------|----|--------------|----------|
| | | Output m ² /h | | Est. Energy Expenditure kj/min. | | WHR beat/min | | % reduction in drudgery | | % increase in efficiency | | Production per unit | | Cost of input | | Incremental income | | Yield(Kg/ha) | | Net Return | | Saving in Rs | BC ratio |
| | | T1 | T2 | T1 | T2 | T1 | T2 | T1 | T2 | T1 | T2 | T1 | T2 | T1 | T2 | T1 | T2 | T1 | T2 | T1 | T2 | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |

2.5 Feedback from KVK to Research System

| Name of KVK | Feedback |
|-------------|---|
| Kawardha | <p>Soybean cultivated under rain fed condition has to face drought at pod filling stage, so short duration and drought tolerant varieties are to be developed.</p> <p>High Yielding and resistant variety to blast disease be developed for replacement of swarna due to heavy infestation of blast disease in swarna</p> <p>Resistant/tolerant varieties of chick pea to collar rot be developed as it is major problem in this area</p> <p>Suitable Paddy/soybean based cropping system for replacement of chick pea is to be identified as there is problem of wilt complex diseases in chickpea in the area</p> <p>Doses and duration of fertilizers as well as agrochemicals through drip for production and protection of sugarcane be quantified</p> |

3. Achievements of Frontline Demonstrations

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

List of technologies demonstrated and popularized during previous years and recommended for large scale adoption in the district

| KVK Name | Crop/ Enterprise | Thematic Area | Technology demonstrated | Details of popularization methods suggested to the Extension system | Horizontal spread of technology | | |
|----------|------------------|---------------------|---------------------------------------|--|---------------------------------|----------------|------------|
| | | | | | No. of villages | No. of farmers | Area in ha |
| Kawardha | Soybean | Weed Management | Weedicide Imajhethaper, | Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures. | 200 | 2500 | 5000 |
| Kawardha | Soybean | Varietal Evaluation | High Yielding Variety, seed treatment | Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures. | 52 | 650 | 3025 |
| Kawardha | Paddy | Varietal Evaluation | Improved variety | Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures. | 65 | 530 | 2865 |
| Kawardha | Chick pea | Varietal Evaluation | High Yielding Variety, seed treatment | Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures. | 32 | 450 | 2235 |
| Kawardha | Wheat | Varietal Evaluation | Improved variety | Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures. | 8 | 75 | 225 |
| Kawardha | Long Melon | Varietal Evaluation | Improved variety | Visit of other farmers in the Demonstration plots, Discussion with other farmers, Distribution of literatures. | 3 | 25 | 45 |

Note-

* Thematic area should be spelled correct and follow standard pattern i.e. Integrated Nutrient Management in place of INM or Inte. Nutrient Mngt. Etc.

*Crop name should be spelled correct and standard English name should be i.e Chick pea in place of gram, Paddy in place of Paddy , brinjal in place of egg plant etc.

*Don't press enter key to navigate among col use arrow or tab key

*don't add space before or after statement within the table cell

3.2 Details of FLDs implemented

| KVK Name | year | Season | Thematic area | Technology demonstrated | Name of Crop/ Enterprise | Name of Variety/Technology/Entreprizes | Crop-Area (ha) / Entrep - No. | Results (q/ha) | | % change | No. of farmers | | | | |
|----------|---------|------------------------------|-----------------------------|-------------------------------------|--------------------------|--|-------------------------------|-----------------------------------|----------------------|----------|----------------|----|--------|---------|-------|
| | | | | | | | | FP (T ₁) | RP (T ₂) | | SC | ST | Others | General | Total |
| Kawardha | 2013 | <i>Kharif</i> | Varietal Evaluation | Variety | Paddy | Mahamaya | 5 | 38.08 | 48.86 | 28.3 | | | 12 | | 12 |
| Kawardha | 2013 | <i>Kharif</i> | Diseases Management | Fungicides | Paddy | Tebuconazole 50.0% | 5 | 36.22 | 42.39 | 17.0 | | | 12 | | 12 |
| Kawardha | 2013 | <i>Kharif</i> | Varietal Evaluation | Variety | Soybean | JS-93-05 | 5 | 10.25 | 12.05 | 17.6 | | | 12 | | 12 |
| Kawardha | 2013 | <i>Kharif</i> | Demonstration of Seed Drill | Seed cum fertilizer drill introduce | Soybean | Seed drill | 5 | 10.05 | 12.10 | 20.3 | | | 12 | | 12 |
| Kawardha | 2013 | <i>Rabi</i> | Varietal Evaluation | Variety | Tomato | Selection -22 | 0.4 | 180.00 | 270.00 | 50.00 | | 03 | 02 | | 05 |
| Kawardha | 2013-14 | <i>KharifRabi & Zaid</i> | Mushroom cultivation | Mushroom Production | Mushroom | Pleurotus Florida | - | | 700gm/Bag | - | | | 05 | | 05 |
| Kawardha | 2013-14 | <i>Rabi</i> | Varietal Evaluation | Variety | Chick pea | Vaibhav | 5 | 8.5 | 10.02 | 18.2 | | | 12 | | 12 |
| Kawardha | 2013-14 | <i>Rabi</i> | Diseases Management | Bio agent | Chick pea | <i>Trichoderma viride</i> | 5 | 8.65 | 9.87 | 12.36 | | | 12 | | 12 |
| Kawardha | 2013-14 | <i>Rabi</i> | Weed Management | Herbicide | Wheat | Clodinafop Propargyl 15% + Metsulfuron Methyl 1% WP | 5 | 25.02 | 29.65 | 18.50 | | | 12 | | 12 |
| Kawardha | 2013-14 | <i>Rabi</i> | Diseases Management | Agrochemical | Sugarcane | Hot water Treatment at 50° for 30 minutes & Tebuconazole 50% | 5 | On Going Frontline demonstrations | | | | | | | |

| | | | | | | | | | | | | | | | |
|----------|---------|---------------|------------------------------------|--------------------------|------------|--|---|-----|-------|-----|--|----|----|--|----|
| Kawardha | 2013-14 | Rabi | Feed and fodder | Azola cultivation | Azola | Azola | - | 4.0 | 4.4 | 10 | | | 10 | | 10 |
| Kawardha | 2013-14 | Kharif & Rabi | Fish cum duck culture | Fish cum duck production | Fish, Duck | Fish-(Catla, Rohu, Mrigal) duck breed (Khakhi Campbell) | - | 3.0 | 22.83 | 661 | | 04 | | | 04 |
| Kawardha | 2013-14 | Kharif & Rabi | Composite fish production in ponds | Fish production | Fish | catla, rohu, Mrigal 4:3:3 ratio | - | 3.0 | 19.9 | 563 | | 04 | | | 04 |

3.3 Economic Impact of FLD

| KVK Name | Technology demonstrated | Name of Crop/ Enterprise | Parameters | | | Cost of cultivation (Rs/ha) | | Gross Return (Rs/ha) | | Average Net Return (Rs/ha) | | Benefit-Cost Ratio (Gross Return / Gross Cost) | |
|----------|-------------------------------------|--------------------------|----------------------------|----------------------|----------------------|-----------------------------|----------------------|----------------------|----------------------|----------------------------|----------------------|--|----------------------|
| | | | Name and unit of Parameter | FP (T ₁) | RP (T ₂) | FP (T ₁) | RP (T ₂) | FP (T ₁) | RP (T ₂) | FP (T ₁) | RP (T ₂) | FP (T ₁) | RP (T ₂) |
| Kawardha | Variety | Mahamaya | Grain Yield (q/ha) | 38.08 | 48.86 | 19500 | 22150 | 49504 | 63518 | 30004 | 41368 | 2.53 | 2.86 |
| Kawardha | Fungicides Tebuconazole | Tebuconazole 50.0% | Grain Yield (q/ha) | 36.22 | 42.39 | 19850 | 21500 | 47086 | 55107 | 27236 | 33607 | 2.37 | 2.56 |
| Kawardha | Variety | JS-93-05 | Grain Yield (q/ha) | 10.25 | 12.05 | 14500 | 16100 | 35875 | 42175 | 21375 | 26075 | 2.47 | 2.61 |
| Kawardha | Seed cum fertilizer drill introduce | Seed drill | Grain Yield (q/ha) | 10.05 | 12.10 | 14200 | 16500 | 35175 | 42350 | 20975 | 25850 | 2.47 | 2.56 |
| Kawardha | Variety | Selection -22 | Fruit Yield (q/ha) | 180.00 | 270.00 | 45000 | 55000 | 216000 | 324000 | 171000 | 269000 | 4.8 | 5.89 |

| | | | | | | | | | | | | | |
|----------|------------------------------------|---|-------------------------|-------|-------|-------|-------|-------|---------|-------|---------|------|-------|
| Kawardha | Mushroom Production | Pleurotus Florida | Yield (Kg) total 50bag | - | 35.00 | █ | 1250 | - | 5600 | 4350 | - | 4.48 | - |
| Kawardha | Variety | Vaibhav | Grain Yield (q/ha) | 8.5 | 10.02 | 13800 | 15700 | 25500 | 30060 | 11700 | 14360 | 1.84 | 1.91 |
| Kawardha | Bio agent | <i>Trichoderma viride</i> | Grain Yield (q/ha) | 8.65 | 9.87 | 13500 | 15200 | 25950 | 29610 | 12450 | 14410 | 1.92 | 1.94 |
| Kawardha | Herbicide | Clodinafop Propargyl 15% + Metsulfuron Methyl 1% WP | Grain Yield (q/ha) | 25.02 | 29.65 | 13200 | 14250 | 32526 | 38545 | 19326 | 24295 | 2.46 | 2.70 |
| Kawardha | Azola | Azola | Milk Yield (kg/Cow/day) | 4. | 4.4 | 75 | 70 | 160 | 176 | 85 | 106 | 2.13 | 2.51 |
| Kawardha | Fish cum duck production | Fish, Duck | Fish Yield (q/ha) | 3.0 | 22.83 | - | 9900 | 10500 | 1,14150 | 10500 | 1,04250 | - | 11.53 |
| Kawardha | Composite fish production in ponds | Fish | Fish Yield (q/ha) | 3.0 | 19.9 | - | 2400 | 10500 | 99500 | 10500 | 97100 | - | 41.45 |

3.4 Information about Home Science FLDs

| KVK name | Year | Season | Thematic Area | Problem Identified | Technology to be Demonstrated as Solution to the Identified Problem | Crop/ Enterprise (In which crop Enterprise or Farming Activity) | Name of Variety/Technology/Entre prizes | Farming Situation | Proposed area (ha) | No. of Beneficiaries |
|----------|------|--------|---------------|--------------------|---|---|---|-------------------|--------------------|----------------------|
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

3.5 Economic Performance Home Science FLDs:

| KVK name | Technology to be Demonstrated | Performance Indicator / Parameter | | | | | | | | | | | | | | | | | | | | | |
|----------|-------------------------------|-----------------------------------|----|---------------------------------|----|--------------|----|-------------------------|----|--------------------------|----|---------------------|----|---------------|----|--------------------|----|--------------|----|------------|----|--------------|----------|
| | | Output m ² /h | | Est. Energy Expenditure kj/min. | | WHR beat/min | | % reduction in drudgery | | % increase in efficiency | | Production per unit | | Cost of input | | Incremental income | | Yield(Kg/ha) | | Net Return | | Saving in Rs | BC ratio |
| | | T1 | T2 | T1 | T2 | T1 | T2 | T1 | T2 | T1 | T2 | T1 | T2 | T1 | T2 | T1 | T2 | T1 | T2 | T1 | T2 | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |

3.6 Training and Extension activities proposed under FLD

| KVK Name | Crop | Activity | No. of activities organized | Number of participants | Remarks |
|----------|------------|--------------------------------------|-----------------------------|------------------------|---------|
| Kawardha | Soybean | Field days | 01 | 103 | |
| | | Farmers Training | 6 | 150 | |
| | | Media coverage | 4 | Mass | |
| | | Training for extension functionaries | | | |
| Kawardha | Pigeon pea | Field days | 01 | 100 | |
| | | Farmers Training | 3 | 65 | |
| | | Media coverage | 1 | 45 | |
| | | Training for extension functionaries | | | |
| Kawardha | Paddy | Field days | 02 | 228 | |
| | | Farmers Training | 8 | 135 | |
| | | Media coverage | 4 | Mass | |

| | | | | | |
|----------|-----------|--------------------------------------|---|------|--|
| | | Training for extension functionaries | | | |
| Kawardha | Chick pea | Field days | 2 | 222 | |
| | | Farmers Training | 8 | 150 | |
| | | Media coverage | 8 | Mass | |
| | | Training for extension functionaries | | | |
| Kawardha | Wheat | Field days | 1 | 114 | |
| | | Farmers Training | 3 | 55 | |
| | | Media coverage | 3 | Mass | |

3.7 Details of FLD on crop hybrids.

| S. No. | Name of the KVK | Name of the Crop | Name of the Hybrids | Source of Hybrid (Institute/Firm) | No. of farmers | Area in ha. |
|--------|-----------------|------------------|---------------------|-----------------------------------|----------------|-------------|
| | | | | | | |

4. Feedback System

4.1. Feedback of the Farmers to KVK

| Name of KVK | Feedback | | | |
|-----------------|--|---|---------------------|-----------------|
| | Technology appropriations | Methodology used | Benefits of OFT/FLD | Future Adoption |
| Kawardha | Use of IPM modules for stem borer in paddy | 1. One row of Aromatic Paddy after nine line of main crop | OFT | Yes |
| Kawardha | Oyster Mushroom production | Low cost technology | FLD | Yes |
| | | | | |

4.2. Feedback from KVK to Research System.

| Name of KVK | Feedback basic of OFT on Technology Tested |
|-------------|---|
| Kawardha | Although the yield of JS -93-05 is lower than JS 335, attack of girdle beetle is less in JS- 93-05 as compared to JS-335 and other varieties Use of herbicide is far better as there is labour problem, if we see for labour for manual weeding, it gets very late. Problem of wilt complex is more in chickpea taken after Paddy as compared to chick pea taken after soybean. |

4. Documentation of the need assessment conducted by the KVK for the training programme

| Name of KVK | Category of the training | Methods of need assessment | Date and place | No. of participants involved |
|-------------|--------------------------|---|---|--|
| Kawardha | Farmers & Farm women | Field visits, Group discussion with the farmers | 15.04.2013- Dharampur& Bhedli ,07.06.2013,Mirmitti ,12.06.2013- Nawdeeh,26-06-2013-Baduda khurd ,28.06.2013-Sonpur,01.05.2013- Rehngi,01.07.2013- Gegda* Kothar and Pandariya | 35,25, 32,30,38,40, 42,25,28,35 respectively |
| Kawardha | Rural Youth | | 10.04.2013- Barbaspur | 30 |
| | In-service Personnel | - | - | - |

Abbreviation Used

| | |
|------------------------------------|---|
| FW | (A) Farmers & Farm Women |
| RY | (B) Rural Youths |
| IS | (C) Extension Personnel |
| ONC | On Campus Training Programme |
| OFC | Off Campus Training Programme |
| M | Male |
| F | Female |
| T | Total |
| Thematic Areas for Training | |
| CRP | Crop Production |
| HOV | Horticulture – Vegetable Crops |
| HOF | Horticulture-Fruits |
| HOO | Horticulture- Ornamental Plants |
| HOP | Horticulture- Plantation crops |
| HOT | Horticulture- Tuber crops |
| HOS | Horticulture- Spices |
| HOM | Horticulture- Medicinal and Aromatic Plants |
| SFM | Soil Health and Fertility Management |
| LPM | Livestock Production and Management |
| WOE | Home Science/Women empowerment |
| AEG | Agril. Engineering |
| PLP | Plant Protection |
| FIS | Fisheries |
| PIS | Production of Inputs at site |
| CBD | Capacity Building and Group Dynamics |
| AGF | Agro-forestry |
| OTH | Others |
| RYH | Rural Youth |
| EXP | Extension Personnel |

5. TRAINING PROGRAMMES

1. Training programmes should be strictly covered under above mentioned thematic areas only,
2. For category, training type and thematic area, mention code/abbreviations only

Table 5.1. Details of Training programmes conducted by the KVKs

| Name of KVK | Category | Training Type | Thematic area | Training Title | No. of Courses | Duration (Days) | Participants | | | | | | | |
|-------------|----------|---------------|---------------|---|----------------|-----------------|--------------|----|----|----|----|----|--------|----|
| | | | | | | | Gen | | SC | | ST | | Others | |
| | | | | | | | M | F | M | F | M | F | M | F |
| 1 | 2 | 3 | 4 | 5 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Kawardha | FW | ONC | PLP | Management of insects and diseases of Paddy | 1 | 1 | 1 | 00 | 13 | 00 | 00 | 00 | 10 | 00 |
| Kawardha | FW | OFC | PLP | Management of insects and diseases of Paddy and Soybean | 1 | 1 | 00 | 00 | 00 | 00 | 00 | 00 | 30 | 00 |
| Kawardha | FW | OFC | PLP | Management of diseases and insects of Paddy and Soybean | 1 | 1 | 03 | 02 | 03 | 05 | 00 | 00 | 08 | 08 |
| Kawardha | FW | OFC | PLP | Management of diseases and insects of Paddy, Soybean and Tomato | 1 | 1 | 02 | 00 | 05 | 00 | 00 | 00 | 10 | 00 |
| Kawardha | FW | OFC | OTH | Weed Management | 1 | 1 | 00 | 00 | 31 | 00 | 00 | 00 | 00 | 00 |
| Kawardha | FW | OFC | HOV | Vegetable production and Protection | 1 | 1 | 00 | 00 | 00 | 00 | 00 | 00 | 27 | 00 |
| Kawardha | FW | OFC | FIS | Fish Culture | 1 | 1 | 03 | 00 | 00 | 00 | 00 | 00 | 26 | 00 |
| Kawardha | FW | OFC | PLP | IDM and IPM in Soybean, Paddy and Vegetable | 1 | 1 | 00 | 00 | 00 | 00 | 00 | 00 | 34 | 04 |
| Kawardha | FW | OFC | HOV | Vegetable production and Protection technology | 1 | 1 | 05 | 00 | 00 | 00 | 18 | 00 | 06 | 00 |
| Kawardha | FW | ONC | PLP | IDM in Paddy and Soybean | 1 | 1 | 00 | 00 | 00 | 00 | 14 | 00 | 18 | 00 |
| Kawardha | FW | ONC | FIS | Fish cum Duck Culture | 1 | 1 | 00 | 00 | 00 | 00 | 04 | 00 | 23 | 02 |
| Kawardha | FW | OFC | LPM | Backyard poultry forming | 1 | 1 | 00 | 00 | 00 | 00 | 27 | 08 | 00 | 00 |
| Kawardha | FW | OFC | FIS | Fish cum Duck Culture | 1 | 1 | 00 | 00 | 21 | 00 | 00 | 00 | 00 | 00 |
| Kawardha | FW | OFC | LPM | Backyard poultry forming | 1 | 1 | 00 | 00 | 00 | 00 | 04 | 00 | 10 | 14 |
| Kawardha | FW | OFC | PLP | Management of diseases and insects of Chickpea | 1 | 1 | 00 | 00 | 00 | 00 | 00 | 00 | 16 | 00 |
| Kawardha | FW | OFC | LPM | Balance diet in Mulch Animals | 1 | 1 | 01 | 00 | 00 | 00 | 00 | 00 | 27 | 07 |
| Kawardha | FW | ONC | CRP | Production and protection technology of Pulses, Oilseed and Sugarcane | 1 | 1 | 00 | 00 | 03 | 02 | 00 | 00 | 16 | |
| Kawardha | FW | ONC | PLP | Management of diseases and insects of Chickpea | 1 | 1 | 00 | 00 | 03 | 02 | 00 | 00 | 16 | 00 |
| Kawardha | FW | ONC | CRP | Sugarcane production technology | 1 | 1 | 00 | 00 | 03 | 02 | 00 | 00 | 17 | 00 |
| Kawardha | FW | ONC | PLP | IDM and IPM in Oilseeds and Pulses | 1 | 1 | 00 | 00 | 01 | 01 | 00 | 00 | 24 | 00 |
| | | | | | | | | | | | | | | |

| Name of KVK | Category | Training Type | Thematic area | Training Title | No. of Courses | Duration (Days) | Participants | | | | | | | |
|-------------|----------|---------------|---------------|--|----------------|-----------------|--------------|----|----|----|----|----|--------|----|
| | | | | | | | Gen | | SC | | ST | | Others | |
| | | | | | | | M | F | M | F | M | F | M | F |
| 1 | 2 | 3 | 4 | 5 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Kawardha | FW | ONC | PLP | IDM and IPM in Oilseeds and Pulses | 1 | 1 | 00 | 00 | 01 | 01 | 00 | 00 | 24 | 00 |
| Kawardha | FW | ONC | CRP | Sugarcane production technology | 1 | 1 | 00 | 00 | 01 | 01 | 00 | 00 | 24 | 00 |
| Kawardha | FW | OFC | PLP | Management of diseases and insects of Chickpea | 1 | 1 | 05 | 03 | 00 | 00 | 00 | 01 | 29 | 03 |
| Kawardha | FW | OFC | FIS | Composite Fish Culture | 1 | 1 | 00 | 00 | 25 | 00 | 00 | 00 | 00 | 00 |
| Kawardha | FW | OFC | FIS | Integrated Fish Farming | 1 | 1 | 00 | 00 | 02 | 00 | 00 | 00 | 29 | 00 |
| Kawardha | FW | OFC | FIS | Composite Fish Culture | 1 | 1 | 00 | 00 | 00 | 00 | 00 | 00 | 23 | 00 |
| Kawardha | FW | OFC | FIS | Fish cum Duck Culture | 1 | 1 | 00 | 00 | 10 | 02 | 04 | 00 | 00 | 00 |
| Kawardha | FW | OFC | FIS | Composite Fish Culture | 1 | 1 | 01 | 00 | 00 | 00 | 00 | 00 | 42 | 00 |
| Kawardha | FW | OFC | FIS | Fish Rearing | 1 | 1 | 00 | 00 | 05 | 00 | 00 | 00 | 00 | 00 |
| Kawardha | FW | OFC | FIS | Composite Fish Culture | 1 | 1 | 00 | 00 | 19 | 00 | 00 | 00 | 00 | 13 |
| Kawardha | FW | ONC | CRP | Sugarcane production technology | 1 | 1 | 04 | 00 | 05 | 00 | 00 | 00 | 13 | 03 |

Table 5.2. Details of Vocational training programmes for Rural Youth conducted by the KVKs

| Name of KVK | Training title | Crop / Enterprise | Identified Thrust Area | Duration of training (days) | Number of Beneficiaries | | | | | | | | |
|-------------|---|---|--|-----------------------------|-------------------------|---|----|---|----|---|--------|---|--|
| | | | | | Gen | | SC | | ST | | Others | | |
| | | | | | M | F | M | F | M | F | M | F | |
| Kawardha | Improved production technology of Sugarcane | Sugarcane/Use of drip irrigation system | Income Generation, Cultivation technology of Sugarcane | 02 | 7 | 2 | 8 | 1 | 4 | 0 | 3 | 3 | |
| Kawardha | Improved production technology of Tomato | Tomato/ Use of drip irrigation system | Income Generation, Cultivation technology of Tomato | 02 | 9 | 2 | 4 | 1 | 5 | 1 | 12 | 3 | |
| Kawardha | Improved production technology of Vegetable | Arvi, Tomato, Chilli/ Use of drip irrigation system | Generation, Cultivation technology of Arvi, Tomato, Chilli | 03 | 4 | 4 | 7 | 1 | 2 | 3 | 12 | 1 | |
| Kawardha | Improved production technology of Sugarcane | Sugarcane/Use of drip irrigation system | Income Generation, Cultivation technology of | 03 | 3 | 3 | 8 | 1 | 3 | 2 | 11 | 1 | |

| | | | | | | | | | | | | | |
|----------|-----------------------------------|--------------------------------------|---|----|---|---|---|---|----|---|--|----|----|
| | | | Sugarcane | | | | | | | | | | |
| Kawardha | Trichoderma Production Technology | Chickpea/Trichoderma locally produce | Low productivity of Chickpea due to Collar rot diseases | 03 | 2 | 4 | 1 | 0 | 4 | 0 | | 29 | 01 |
| Kawardha | Trichoderma Production Technology | Chickpea/Trichoderma locally produce | Low productivity of Chickpea due to Collar rot diseases | 01 | 3 | 0 | 1 | 0 | 2 | 0 | | 25 | 0 |
| Kawardha | Trichoderma Production Technology | Chickpea/Trichoderma locally produce | Low productivity of Chickpea due to Collar rot diseases | 01 | 2 | 0 | 2 | 0 | 11 | 0 | | 25 | 0 |

Table 5.3. Details of training programme conducted for livelihood security in rural areas by the KVKs

| Name of KVK | Training title | Self employed after training | | | Number of persons employed elsewhere |
|-------------|----------------|------------------------------|-----------------|----------------------------|--------------------------------------|
| | | Type of units | Number of units | Number of persons employed | |
| | | | | | |

Table 5.4. Sponsored Training Programmes

| Name of KVK | Title | Thematic area (as given in abbreviation table) | Sub-theme (as per column no 5 of Table T1) | Client (FW/R/IS) | Duration (days) | No. of courses | No. of Participants | | | | | | | | Sponsoring Agency | Fund received for training (Rs.) |
|-------------|--|--|--|------------------|-----------------|----------------|---------------------|----|--------|----|----|----|----|----|-------------------|----------------------------------|
| | | | | | | | Gen | | Others | | SC | | ST | | | |
| | | | | | | | M | F | M | F | M | F | M | F | | |
| Kawardha | Management of SRI | CRP | Crop Management | FW | 01 | 01 | 00 | 00 | 28 | 00 | 02 | 00 | 04 | 00 | Dept. of Ag. | |
| Kawardha | Management of SRI | CRP | Crop Management | FW | 01 | 01 | 02 | 00 | 31 | 00 | 00 | 00 | 00 | 00 | Dept. of Ag. | |
| Kawardha | Management of insects and diseases of Paddy | PLP | Integrated Crop Management | FW | 01 | 01 | 00 | 00 | 22 | 00 | 00 | 00 | 00 | 00 | Dept. of Ag. | |
| Kawardha | Management of insects and diseases of Paddy | PLP | Integrated Crop Management | FW | 01 | 01 | 00 | 00 | 30 | 00 | 00 | 00 | 00 | 00 | Dept. of Ag. | |
| Kawardha | Management of insects and diseases of Chickpea | PLP | Integrated Crop Management | FW | 01 | 01 | 00 | 00 | 24 | 00 | 01 | 00 | 02 | 00 | Dept. of Ag. | |

| | | | | | | | | | | | | | | | | |
|----------|---|-----|----------------------------|----|----|----|----|----|----|----|----|----|----|----|------|--|
| Kawardha | Sugarcane production technology | CRP | Crop Management | FW | 01 | 01 | 02 | 00 | 03 | 00 | 00 | 00 | 19 | 00 | ATMA | |
| Kawardha | Kharif Crop Production technology | CRP | Crop Management | FW | 01 | 01 | 02 | 00 | 02 | 00 | 00 | 00 | 24 | 00 | ATMA | |
| Kawardha | Management of insects and diseases of Paddy and Soybean | PLP | Integrated Crop Management | FW | 01 | 01 | 00 | 00 | 01 | 00 | 12 | 00 | 12 | 00 | ATMA | |
| Kawardha | IDM and IPM in Oilseeds and Pulses | PLP | Integrated Crop Management | FW | 01 | 01 | 00 | 00 | 00 | 00 | 06 | 00 | 07 | 00 | ATMA | |
| Kawardha | Rabi Crop Production technology | CRP | Crop Management | FW | 01 | 01 | 02 | 00 | 06 | 00 | 12 | 01 | 29 | 00 | ATMA | |
| Kawardha | Management of diseases and insects of Chickpea | PLP | Integrated Crop Management | FW | 01 | 01 | | | | | | | | | ATMA | |
| Kawardha | Sugarcane production technology | CRP | Crop Management | FW | 01 | 01 | 03 | 00 | 00 | 00 | 06 | 00 | 36 | 00 | ATMA | |
| Kawardha | Kharif Crop Production technology | CRP | Crop Management | FW | 01 | 01 | 00 | 00 | 00 | 00 | 03 | 00 | 17 | 00 | ATMA | |
| Kawardha | Management of insects and diseases of Paddy and Soybean | PLP | Integrated Crop Management | FW | 01 | 01 | | | | | | | | | ATMA | |
| Kawardha | IDM and IPM in Oilseeds and Pulses | PLP | Integrated Crop Management | FW | 01 | 01 | | | | | | | | | ATMA | |
| Kawardha | Rabi Crop Production technology | CRP | Crop Management | FW | 01 | 01 | 00 | 00 | 02 | 00 | 16 | 01 | 12 | 00 | ATMA | |
| Kawardha | Management of diseases and insects of Chickpea | PLP | Integrated Crop Management | FW | 01 | 01 | | | | | | | | | ATMA | |
| Kawardha | Sugarcane production technology | CRP | Crop Management | FW | 01 | 01 | 00 | 00 | 08 | 00 | 04 | 01 | 25 | 00 | ATMA | |
| Kawardha | Kharif Crop Production technology | CRP | Crop Management | FW | 01 | 01 | 00 | 00 | 04 | 00 | 12 | 01 | 25 | 00 | ATMA | |
| Kawardha | Management of insects and diseases of Paddy and Soybean | PLP | Integrated Crop Management | FW | 01 | 01 | | | | | | | | | ATMA | |
| Kawardha | IDM and IPM in Oilseeds and Pulses | PLP | Integrated Crop Management | FW | 01 | 01 | | | | | | | | | ATMA | |
| Kawardha | Rabi Crop Production technology | CRP | Crop Management | FW | 01 | 01 | 00 | 00 | 04 | 00 | 01 | 00 | 13 | 00 | ATMA | |
| Kawardha | Management of insects and diseases of Chickpea | PLP | Integrated Crop Management | FW | 01 | 01 | | | | | | | | | ATMA | |
| | | | | | | | 00 | 00 | 12 | 00 | 00 | 00 | 07 | 00 | | |

Table 5.5 Training Programmes for Panchayatiraj Institutions Office-bearers & members

| Name of KVK | Title | Thematic area (as given in abbreviation table) | Sub-theme (as per column no 5 of Table T1) | Client (FW/ RY/ IS) | Duration (days) | No. of courses | No. of Participants | | | | | | | | Sponsoring Agency | Fund received for training (Rs.) | |
|-------------|-------|--|--|---------------------|-----------------|----------------|---------------------|---|--------|---|----|---|----|---|-------------------|----------------------------------|--|
| | | | | | | | Gen | | Others | | SC | | ST | | | | |
| | | | | | | | M | F | M | F | M | F | M | F | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

Table 5.6 Evaluation/Follow up & Impact of the training programmes conducted by the KVK (all types of trainings)

| Name of KVK | Title of the training | No. of trainees | Change in knowledge (Score) | | Change in Production (q/ha) | | Change in Income (Rs) | | Impact on 1. Area expanded (ha) 2. No. of farmers adopted (no.) 3. % change in knowledge, production & Income |
|-------------|---|-----------------|-----------------------------|-------|-----------------------------|-------|-----------------------|-------|--|
| | | | Before | After | Before | After | Before | After | |
| Kawardha | Trichoderma Production Technology | 03 | 10 | 75 | | | | | 100ha ,25 person adopted , 55 % knowledge increased, Rs. 2500extra income |
| Kawardha | Mushroom Production | 15 | 12 | 75 | | | | | 20 person adopted , 45 % knowledge increased, Rs. 1500extra income |
| Kawardha | Seed production of Chickpea | 22 | 28 | 82 | 12 | 22 | 23000 | 44500 | 200 ha, 20 person adopted, 70% knowledge increased. |
| Kawardha | Vermiculture | 21 | 10 | 65 | | | | | 4 person adopted, 60 % knowledge increased, Rs one lac extra income |
| Kawardha | Nursery Management of Horticultural crops | 27 | 35 | 85 | | | | | 10 person adopted, 90 % knowledge increased, Rs 25000 extra income |

6. EXTENSION ACTIVITIES

| Name of the KVK | Activity | No. of activities (Targeted) | No. of activities (Achieved) | Detail of Participants | | | | | | Remarks | | |
|-----------------|--|------------------------------|------------------------------|------------------------|------|-----------------|------|---------------------|----|--|--|---|
| | | | | Farmers (Others) | | SC/ST (Farmers) | | Extension Officials | | Purpose | Topic s | Crop Stages |
| | | | | M | F | M | F | M | F | | | |
| | Field Day | 14 | 07 | 491 | 35 | 187 | 46 | 6 | 2 | To tell the farmers & RAEOs about cultivation of crops and management of insects and diseases | Improved technique of cultivating pigeon pea , chick pea, Wheat, and management of insects and pests in respective crops | Early and mid growth stages of the said crops |
| | Kisan Mela | 01 | 01 | 326 | 27 | 183 | 10 | 4 | 1 | To let the farmers of the district know about New Ag. Technology | - | - |
| | Kisan Ghosthi | 06 | 03 | 90 | 20 | 12 | 00 | 04 | - | To let the farmers of the district know about New Ag. Technology | - | - |
| | Exhibition | 02 | 03 | Mass | Mass | Mass | Mass | - | - | To let the farmers of the district know about New Ag. Technology | - | - |
| | Film Show | 08 | 08 | | | | | | | Crop Production and Protection | | |
| | Method Demonstrations | 06 | 05 | 65 | 10 | 25 | 10 | 02 | 00 | Seed sowing by Seed Drill, Planting System of fruit crops, Soil sampling | | |
| | Farmers Seminar | 06 | 00 | 00 | 00 | 00 | 00 | 00 | 00 | - | - | - |
| | Workshop | 12 | 10 | | | | | 18 | 6 | Discuss with agriculture and allied department concern of major constraint and opportunity | | |
| | Group meetings | 15 | 15 | 110 | 32 | 85 | 26 | 25 | 05 | To know about the need assessment for trainings | | |
| | Lectures delivered as resource persons | 25 | 30 | 3000 | 1500 | 1200 | 100 | 20 | 07 | To tell about cultivation practices of crops, to solve seasonal problems related to insect/pests & diseases of crops | | |
| | Newspaper coverage | 28 | 77 | Mass | Mass | Mass | Mass | | | Seasonal problems, their remedy and KVK activities | | |
| | Radio talks | 00 | | | | | | | | | | |
| | TV talks | 00 | | | | | | | | | | |

| Name of the KVK | Activity | No. of activities (Targeted) | No. of activities (Achieved) | Detail of Participants | | | | | | Remarks | | |
|-----------------|---|------------------------------|------------------------------|------------------------|----|-----------------|----|---------------------|----|--|---------|-------------|
| | | | | Farmers (Others) | | SC/ST (Farmers) | | Extension Officials | | Purpose | Topic s | Crop Stages |
| | | | | M | F | M | F | M | F | | | |
| | Popular articles | 12 | 05 | Mass | | | | | | | | |
| | Extension Literature | 10 | | | | | | | | | | |
| | Farm advisory Services | 05 | | | | | | | | | | |
| | Scientific visit to farmers field | 50 | 50 | 20 | 2 | 20 | 8 | | | Seasonal problems related to insect/pests & diseases of crops | | |
| | Farmers visit to KVK | 250 | 300 | 200 | 10 | 85 | 5 | | | To enquire about cultivation practices of crops , source & availability of seeds, problems related to insect/pests & diseases of crops | | |
| | Diagnostic visits | 14 | 30 | 120 | 20 | 105 | 5 | | | Late blight of Tomato ,Chili Leaf Curl, Chickpea wilt, Paddy BPH. Sugarcane Red rot and Borers | | |
| | Exposure visits | 01 | | | | | | | | | | |
| | Ex-trainees Sammelan | 01 | | | | | | | | | | |
| | Soil health Camp | 01 | | | | | | | | | | |
| | Animal Health Camp | 00 | 01 | 32 | 00 | 32 | 01 | 00 | 00 | | | |
| | Agri mobile clinic | 00 | | | | | | | | | | |
| | Soil test campaigns | 00 | | | | | | | | | | |
| | Farm Science Club conveners meet | 00 | | | | | | | | | | |
| | Self Help Group conveners meetings | 01 | | | | | | | | | | |
| | Mahila Mandals conveners meetings | | | | | | | | | | | |
| | Celebration of important days (World environment day) | | | | | | | | | | | |

7. Literature Developed/Published (with full title, author & reference)

7.1 KVK Newsletters

| KVK Name | Date of start | Periodicity | Number of copies printed | Number of copies distributed |
|----------|-----------------------------|-------------|--------------------------|------------------------------|
| Kawardha | 1 st April, 2011 | Quarterly | 4000 | 3566 |

7.2 Literature developed/published

| KVK Name | Type | Title | Author's name | Number of copies |
|----------|---------|--|--|------------------|
| Kawardha | | | | |
| Kawardha | Article | Soybean me kharpatwar niyantran | B.S.Parihar and B.P.Tripathi | 300 |
| Kawardha | Article | Atyadhunik takniq se Mungfali ki kheti | B.S.Parihar and B.P.Tripathi | 300 |
| Kawardha | Article | Unnat tarike se ganne ki kheti | B.S.Parihar and B.P.Tripathi | 300 |
| Kawardha | Article | Barbatti uagaye labh kamaye | P.Kant , B.P.Tripathi,B.S.Parihar and T.D.Sahu | 300 |
| Kawardha | Article | Dhan utpadan ki vivinn padhatiy o me samannvit kharpatwar prabandhan | B.S.Parihar and B.P.Tripathi | 300 |

7.3 Details of Electronic Media Produced

| KVK Name | Type of media (CD / VCD / DVD / Audio-Cassette) | Title of the programme | Number |
|----------|---|------------------------|--------|
| Kawardha | DVD | Kisan Mela | 02 |
| Kawardha | DVD | Field Day under TSP | 01 |

8. Production and supply of Technological products

8.1 SEED production

| KVK Name | Major group/class | Crop | Variety | Quantity (qt.) | Value (Rs.) | Provided to No. of Farmers | Expected area coverage (ha.) |
|----------|-------------------|-----------|----------------|----------------|-------------|--|------------------------------|
| Kawardha | Oilseed | Soybean | JS- 335 | 50.16 | | Raw seed transferred S.K.CARS,Kawardh. | 66 |
| Kawardha | Pulses | Chick pea | Vaibhav/JG-226 | 125.00 | | Raw seed transferred S.K.CARS,Kawardh. | 125 |

8.2 Planting Material production = Nil

| KVK Name | Major group/class | Crop | Variety | Nos. | Value (Rs.) | Provided to No. of Farmers | Expected area coverage (ha.) |
|----------|-------------------|------|---------|------|-------------|----------------------------|------------------------------|
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

8.3 Production Units (bio-agents / bio pesticides/ bio fertilizers etc.) * Name of product should follow same pattern and spelled correct = Nil

| KVK Name | Major Group Bio agent/Bio fertilizers/Bio Pesticides | Name of the Product | Qty (In Kg) | Qty (In No) | Value (Rs.) | Provided to No. of Farmers | Expected area coverage (ha.) |
|----------|--|---------------------|-------------|-------------|-------------|----------------------------|------------------------------|
| | Bio Agents | | | | | | |
| | Bio Agents | | | | | | |
| | Bio Fertilizer | | | | | | |
| | Bio Fertilizer | | | | | | |

8.4 Livestock and fisheries production

| KVK Name | Name of the animal / bird / aquatics | Breed | Type of Produce | Qty. (kg/qt./litre) | Value (Rs.) | No. of Beneficiaries |
|----------|--------------------------------------|-------|-----------------|----------------------|-------------|----------------------|
| | | | | | | |
| | | | | | | |

9. Activities of Soil and Water Testing Laboratory

9.1 Details of soil samples analyzed so far: No

| KVK Name | Status of establishment of Lab | Year of establishment | Details | No. of Samples | No. of Farmers | No. of Villages | Amount realized | Soil report distributed to the farmers (Nos) |
|----------|--------------------------------|-----------------------|---------|----------------|----------------|-----------------|-----------------|--|
| | | | | | | | | |

9.2 Details of water samples analyzed so far : No

| KVK Name | Status of establishment of Lab | Year of establishment | Details | No. of Samples | No. of Farmers | No. of Villages | Amount realized | Water report distributed to the farmers (Nos) |
|----------|--------------------------------|-----------------------|---------|----------------|----------------|-----------------|-----------------|---|
| | | | | | | | | |

10. Rainwater Harvesting = No

Training programmes conducted by using Rainwater Harvesting Demonstration Unit

| Name of KVK | Date | Title of the training course | Client (PF/RV/EF) | No. of Courses | No. of Participants including SC/ST | | | No. of SC/ST Participants | | |
|-------------|------|------------------------------|-------------------|----------------|-------------------------------------|--------|-------|---------------------------|--------|-------|
| | | | | | Male | Female | Total | Male | Female | Total |
| | | | | | | | | | | |

11. Utilization of Farmers Hostel facilities = No

| KVK Name | Months | Year | Title of the training course | Duration of training | No. of trainees stayed | Trainee days (days stayed) | Reason for short fall (if any) | Accommodation available (No. of beds) |
|----------|--------|------|------------------------------|----------------------|------------------------|----------------------------|--------------------------------|---------------------------------------|
| | | | | | | | | |

12. Utilization of Staff Quarters facilities = No

| KVK Name | Year of construction | Year of allotment | No. of quarters occupied | No. of quarters vacant | Reasons for vacant quarters, if any |
|----------|----------------------|-------------------|--------------------------|------------------------|-------------------------------------|
| | - | - | - | - | - |

13. Details of SAC Meeting

| KVK Name | Date of SAC meeting | No. of SAC members attended | Major recommendations |
|----------|---------------------|-----------------------------|---|
| Kawardha | 06.06.2013 | 36 | OFT as well as FLD on improved cultivation practices of Oilseeds, Pulses, Cereals, & vegetables. Training on Sugarcane production and Protection technology. Promotion of use of organic source of nutrients. Promotion of seed treatment before sowing. Production of Trichoderma viride locally |

14. Status of Kisan Mobile Advisory (KVK-KMA)

| KVK Name | No. of messages sent | No. of beneficiary | | Sponsoring agency (NIC, Farmers Portal, etc.) | Major recommendations |
|----------|----------------------|--------------------|------------|--|---|
| | | Farmers | Ext. Pers. | | |
| Kawardha | | 1661 | 100 | 1.Pacific technology Nagpur (July 2013 to March 2014) 2.Farmers Portal (December 2013 to till continue) | Related to Improved cultivation practices of crops, prevention & control of seasonal insect/pests & diseases, awareness |

15. Status of Convergence with various agricultural schemes (Central & State sponsored)

| KVK Name | Name of scheme | Name of Agency (Central/state) | Funds received (Rs.) | Activities organized | Operational Area | Remarks |
|----------|-----------------------------|--------------------------------|----------------------|--------------------------------|------------------------|---------|
| Kawardha | ATMA | RKVY | 2,91600 | Krishak Sangwari Training | Kabirdham district | |
| Kawardha | Others (Plz. Specify) - TSP | IIPR, Kanpur | 3,30000 | FLD, Field Day, Ag. Exhibition | S. Lohara ,Bodla Block | |

16. Status of Revolving Funds (Rs.)

| KVK Name | Account No. | Opening balance (Rs.) | Closing balance (Rs.) | Current status (Rs.) |
|----------|-------------|-----------------------|-----------------------|----------------------|
| Kawardha | 30415695476 | 1197344.00 | 1205077.00 | 1205077.00 |

17. Awards & Recognitions

| KVK Name | Name of award /awardee | Type of award (Ind./Group/Inst./Farmer) | Awarding Organizations | Amount received |
|----------|------------------------|---|------------------------|-----------------|
| Kawardha | Dusyant Bhat | Farmer | Dept. of Agriculture | 10000.00 |
| Kawardha | Ajaya | Farmer | Dept. of Agriculture | 10000.00 |
| Kawardha | Shri Benbikram | Farmer | Dept. of Agriculture | 10000.00 |
| Kawardha | Shri Awadh ram | Farmer | Dept. of Agriculture | 10000.00 |
| Kawardha | Shri Jagat Ram | Farmer | Dept. of Agriculture | 10000.00 |

18. Details of KVK Agro-technological Park .

a) Have you prepared layout plan, where sent?

| S.No. | Name of KVK | Technology park proposal developed(yes/no) | If yes, where sent ? (ZPD/DES/any other, pl. sp.) |
|-------|-------------|--|---|
| 1 | Kawardha | NO | |

b) Details about Technology Park

| Name of KVK | Name of Component of Park | Detail Information (If established) |
|-------------|---------------------------|---|
| | Crop Cafeteria | Paddy,Wheat , chick pea ,Tomato,Brinjal, Chilli,Okra, Palak,Chauli,Bottle Guard and of different varieties |
| | Technology Desk | |
| | Visitors Gallery | |
| | Technology Exhibition | |
| | Technology Gate-Valve | |

c). Crop Cafeteria-

| Sr. No. | Theme of Crop Cafeteria | No. of Crop Cafeteria |
|---------|----------------------------|-----------------------|
| 1. | Integrated crop management | 11 |

19. Farm Innovators- list of 10 Farm Innovators from the District

| Sr. No. | Name of KVK | Name of Farm Innovator | Name of the Innovation | Address of the farmer with Mobile No. |
|---------|-------------|----------------------------------|---|---|
| 1 | Kawardha | Shri Santosh Kumar Chandrawanshi | Mini Power Sprayer | Village- Daujari, Block- Kawardha, 9752524972 |
| 2 | Kawardha | Shri Lalit Chandravansi | <i>Trichoderma</i> production locally | Village- Khairjinti kala, Block- Kawardha, 9755048082 |
| 3 | Kawardha | Shri Bharat Lal Verma | Herbal Insectide | Village- Naudih, Block- Kawardha, 7898978746 |
| 4 | Kawardha | Shri Tuka Ram Sahu | Mushroom Production | Village- Chardongri, Block- Kawardha, 9753200413 |
| 5 | Kawardha | Shri Punniram Bhatt | Vegetable Production with Drip System | Village- Barbaspur, Block- Kawardha, 9827891936 |
| 6 | Kawardha | Shri Shiv Kumar Chandrawansi | Vegetable Production especially coriander | Village- Koko, Block- Kawardha, 9303281467 |
| 7 | Kawardha | Shri Sushil Chandrawansi | Banana Production | Village -Jhalmala,Block- Kawardha,8085068210 |
| 8 | Kawardha | Shri Paras Ram Sahu | Nadep Pit | Village -Bhedli ,Block- Kawardha, 97389134713 |
| 9 | Kawardha | Shri Shyam Ratan | Mushroom Production | Village -Rehngi ,Block- Kawardha, 9981738577 |
| 10 | Kawardha | Shri Mehtar ram | Chickpea Production | Village -Mirmitti ,Block- Kawardha, 9009890221 |

20. KVK interaction with progressive farmers

| Sr. No. | Date and month of interaction programme with progressive farmers | No. of progressive farmers to be participated |
|---------|--|---|
| 1 | 15.04.2013,27.04.2013,01.05.2013,07.06.2013,10.06.2013 | 10 |
| 2 | 12.06.2013,13.06.2013,14.06.2013,22.06.2013,01.07.2013 | 10 |

21. Outreach of KVK

| Name of KVK | Number of Blocks | | Number of Villages | |
|-------------|------------------|-----------|--------------------|-----------|
| | Intensive | Extensive | Intensive | Extensive |
| Kawardha | 04 | 04 | 38 | 79 |
| | | | | |

Intensive- OFTS, FLDS etc

Extensive- Literatures, Publications, Awareness programmes etc.

22. Technology Demonstration under Tribal Sub Plan on Pulses/ Programme on Harnessing Pulses/ Quality Protein Maize, if applicable.

| Sr. No. | Name of crop under Technology demonstration | Area under the programme | No. of Extension Activities | Remarks / Lessons learnt |
|---------|---|--------------------------|--------------------------------|--------------------------|
| 01 | Piegon | 5 ha | 3 (FLD,Field day and Training) | |
| 02 | Urd Bean, | 5ha | 2 (FLD and Training) | |
| 03 | Pea, | 8ha | 2 (FLD and Training) | |
| 04 | Chickpea | 32ha | 3 (FLD,Field day and Training) | |
| | Total | 50ha | 10 | |

23. KVK Ring

| Sr. No. | Name of Ring Partner | Sharing Activity | Lessons learnt/ Experiences gained. |
|---------|----------------------|---|-------------------------------------|
| 01 | KVK,Durg | Experts, exposure activities and sharing views etc. | |
| 02 | KVK,Rajnadgaon | Experts, exposure activities and sharing views etc. | |
| 03 | KVK,Kawardha | Experts, exposure activities and sharing views etc. | |

24. Important visitors to KVK

| Name of KVK | Name of Visitor | Date of Visit | ICAR | SAUs | Others | Remarks |
|-------------|--|---------------|-----------------|--------------|--------|---------|
| Kawardha | Dr.S.K.Patil (Hon ^{ble} Vice Chancellor) | 06.06.2013 | | IGKV, Raipur | | |
| Kawardha | Dr. J.S.Urkar Director Extension Services | 06.06.2013 | | IGKV, Raipur | | |
| Kawardha | Dr.N.K.Motiramani I/c Dean, SKCARS | 06.06.2013 | | IGKV,Raipur | | |
| Kawardha | Dr. K.L.Nanda (Principal Scientist) | 06.06.2013 | | IGKV,Raipur | | |
| Kawardha | Dr.R.K.Bajpai (Prof & Head Department of Soil Science, CoA, Raipur) | 06.06.2013 | | IGKV,Raipur | | |
| Kawardha | Dr. N.Pandey (Prof & Head Department of Agronomy, CoA, Raipur) | 06.06.2013 | | IGKV,Raipur | | |
| Kawardha | Dr.A.K.Sarawagi (Prof & Head Department of Plant Breeding and Genetics, CoA, Raipur) | 06.06.2013 | | IGKV,Raipur | | |
| Kawardha | Dr. S.N.Dixit (Prof & Head Department of Horticulture, CoA, Raipur) | 06.06.2013 | | IGKV,Raipur | | |
| Kawardha | Dr.A.S.Kotasthani (Prof & Head Department of Plant Pathology, CoA, Raipur) | 06.06.2013 | | IGKV,Raipur | | |
| Kawardha | Dr. R.B.Tiwari (Dean CoA, Bemetara) | 10.06.2013 | | IGKV,Raipur | | |
| Kawardha | Dr. K.L.Nanda (Principal Scientist) | 31.12.2013 | | IGKV,Raipur | | |
| Kawardha | Dr. Anil Dixit (Principal Scientist) | 22.03.2014 | NIBSM Raipur | | | |
| Kawardha | Dr. Vijay Kumar Choudhary (Scientist) | 22.03.2014 | NIBSM Raipur | | | |

25. Status of KVK Website:

| Sr. No. | Name of KVK | Date of start of website | No. of updates since inception | No. of visitors |
|---------|-------------|--------------------------|--------------------------------|-----------------|
| 01 | Kawardha | 04.02.2014 | 06 | 25 |

26. E-CONNECTIVITY Nil

| Name of KVK | Number and Date of Lecture delivered from KVK Hub | | | | No. of lectors organized by KVK | Brief achievements | Remarks |
|-------------|---|-----------------------|-------------------------------|--------------------------------|---------------------------------|--------------------|---------|
| | Date | No. of Staff attended | No. of call received from Hub | No. of Call mate to Hub by KVK | | | |
| | | | | | | | |

27. Status of RTI = Nil

| Sr. No. | Name of KVK | No. of RTI applications received | No. of RTI appeals | Remarks |
|---------|-------------|----------------------------------|--------------------|---------|
| | | | | |

28. Status of Citizen Charter= Nil

| Sr. No. | Name of KVK | Query received(Nos) | Query Disposed(Nos) | Remarks |
|---------|-------------|----------------------|----------------------|---------|
| | | | | |

29. Attended HRD Programmes organized by ZPD

| Name of KVK | Name of Staff | Post held | Programme attended (Nos) | Remarks |
|-------------|---------------|-----------|--------------------------|---------|
| | | | | |
| | Total | | | |

| Name of KVK | Total Number of staff Attended HRD Programme organized by ZPD (nos) | Total Number of Programme attended (Nos) |
|-------------|---|--|
| | | |

30. Attended HRD Programmes organized by DES

| Name of KVK | Name of Staff | Post held | Programme attended (Nos) | Remarks |
|-------------|---------------|-----------|--------------------------|---------|
| | | | | |

| Name of KVK | Total Number of staff Attended HRD Programmes organized by DES (nos) | Total Number of Programmes attended (Nos) |
|-------------|--|---|
| | | |

31. Attended HRD Programmes by KVK Staff (Refresher course, Short course, Training programme etc.)

| Name of KVK | Name of Staff | Post held | Programmes attended (Nos) | Remarks |
|-------------|---------------|-----------|---------------------------|---------|
| | | | | |

| Name of KVK | Total Number of staff Attended HRD Programmes by KVK staff (nos) | Total Number of Programmes attended (Nos) |
|-------------|--|---|
| | | |

32. Agri alert report (Epidemic, high serious nature problem, Cyclone etc. reported first time to ZPD, SAU, Agri. Deptt. and ICAR)

| Name of KVK | Alert observed | Particulars | Reported to organization |
|-------------|----------------|-------------|--------------------------|
| | | | |
| | | | |
| | | | |

33. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

| Name of KVK | Types of Activities | No. of Activities | Number of Participants | Related crop/livestock technology |
|-------------|---------------------------|-------------------|------------------------|-----------------------------------|
| Kawardha | Parthenium Awareness week | 04 | 150 | Weed |
| | | | | |
| | | | | |

34. INTERVENTIONS ON DROUGHT MITIGATION

Introduction of alternate crops/varieties

| Name of KVK | Crops/cultivars | Area (ha) | Number of beneficiaries |
|-------------|-----------------|-----------|-------------------------|
| | | | |

Major area coverage under alternate crops/varieties

| Name of KVK | Crops | Area (ha) | Number of beneficiaries |
|-------------|-------|-----------|-------------------------|
| | | | |

Farmers-scientists interaction on livestock management

| Name of KVK | Livestock components | Number of interactions | No. of participants |
|-------------|---------------------------------|------------------------|---------------------|
| Kawardha | Cattle, Poultry ,Goat, Buffalo' | 5 | 25 |
| | | | |
| | | | |

Animal health camps organized

| Name of KVK | Number of camps | No.of animals | No.of farmers |
|-------------|-----------------|---------------|---------------|
| Kawardha | 01 | 65 | 65 |

Seed distribution in drought hit states

| Name of KVK | Crops | Quantity (qtl) | Coverage of area (ha) | Number of farmers |
|-------------|-------|----------------|-----------------------|-------------------|
| | | | | |

Seedlings and Saplings distributed

| Name of KVK | Crops | Quantity (No.s) | Coverage of area (ha) | Number of farmers |
|------------------|-------|-----------------|-----------------------|-------------------|
| Seedlings | | | | |
| | | | | |
| | | | | |
| | | | | |

Bio-control Agents

| Name of KVK | Bio-control Agents | Quantity (q) | Coverage of Area (ha) | No. of farmers |
|-------------|--------------------|--------------|-----------------------|----------------|
| | | | | |

Bio-Fertilizer

| Name of KVK | Bio-Fertilizer | Quantity (kg) | Coverage of Area (ha) | No. of farmers |
|-------------|----------------|---------------|-----------------------|----------------|
| | | | | |

Verms Produced

| Name of KVK | Verms Produced | Quantity (q) | Coverage of Area (ha) | No. of Farmers |
|-------------|----------------|--------------|-----------------------|----------------|
| | | | | |

Large scale adoption of resource conservation technologies

| Name of KVK | Crops/cultivars and gist of resource conservation technologies introduced | Area (ha) | Number of farmers |
|-------------|---|-----------|-------------------|
| | | | |
| | | | |
| | | | |

Awareness campaign

| Name of KVK | Meetings | | Gosthies | | Field days | | Farmers fair | | Exhibition | | Film show | |
|-------------|----------|----------------|----------|----------------|------------|----------------|--------------|----------------|------------|----------------|-----------|----------------|
| | No. | No. of farmers | No. | No. of farmers | No. | No. of farmers | No. | No. of farmers | No. | No. of farmers | No. | No. of farmers |
| Kawardha | 06 | 133 | | | 02 | 201 | | | | | | |

35. Proposal of NICRA= Nil

1. Technologies to be Demonstrated

| Name of Technology | Name of Crop | Area (ha.) | Yield | % change in Yield | No. of farmers benefitted |
|--------------------|--------------|------------|-------|-------------------|---------------------------|
| | | | | | |

2. Proposed Extension Activities in NICRA Village

| Name of Activity | Number of Participants/Beneficiaries to be Covered | | | |
|------------------|--|------------|----------|-------|
| | Farmers | Farm Women | Official | Total |
| | | | | |

3. Proposed Training Activities in NICRA Village

| Name of Activity | Number of Participants/Beneficiaries to be Covered | | | |
|------------------|--|------------|----------|-------|
| | Farmers | Farm Women | Official | Total |
| | | | | |

4. Proposed Activities for Fodder Bank

| Established (Years) | Capacity | Current Status |
|---------------------|----------|----------------|
| | | |

5. Proposed Activities for Seed Bank

| Established (Years) | Capacity | Current Status |
|---------------------|----------|----------------|
| | | |

6 Public Representative/District Administration Visited in NICRA Village

| Name of Representative/Officer | Designation | Date of Visit | Any Special Remark by Visitors |
|---------------------------------------|--------------------|----------------------|---------------------------------------|
| | | | |

7. Feedback of Farmers for future improvement, if any.

36. Proposed works under NAIP (in NAIP monitoring format)

37. Case study / Success Story to be developed – Two best only in the following format

Name of the KVK, **TITLE, Introduction, KVK intervention, Output, Outcome, Impact**

| Sr. no. | Name of KVK | No. of success stories | No. of case studies |
|----------------|--------------------|-------------------------------|----------------------------|
| 01 | Kawardha | 02 | |
| | | | |
| | | | |

38. Well labeled Photographs for each activity of the KVK (Soft copies as well as hard copy- specially for all OFT along with the problem) –

OFT- Soybean - Wheat Cropping System



OFT

Biyasi



Chickpea-IPM



Chilli –Varietal performanc



Soybean Weedicide



OFT-IPM -Paddy



OFT-LPM



Parthenium Awareness Week



Rural Youth Training



Off Campus Training



On Campus Training



Trichoderma Production Training





KVK-Farm

Animal Health Camp



Diagnostic Visit



Field Day Organized by-KVK,Kawardha

Field Day on Chick pea



Field Day on Soybean & Paddy





Field Day under TSP



Field Day on Wheat



FLD on IDM Paddy



FLD-Mushroom Production



FLD-Sugarcane sets treatments



FLD-Tomato varetial performance



Block Level Kisan Mela 2013 at Bendarchi



National Kisan Mela 2014 at Raipur





Krishak Sangwari



Monthly Workshop

