

PROFORMA FOR PREPARATION OF ANNUAL REPORT (April-2018-Marcht-2019)

APR SUMMARY

(Note: While preparing summary, please don't add or delete any row or columns)

1. Training Programmes

| Clientele | No. of Courses | Male | Female | Total participants |
|-------------------------|----------------|-------------|-------------|--------------------|
| Farmers & farm women | 28 | 450 | 292 | 742 |
| Rural youths | 3 | 45 | 4 | 49 |
| Extension functionaries | 2 | 55 | 0 | 55 |
| Sponsored Training | 52 | 2284 | 1437 | 3721 |
| Vocational Training | 0 | 0 | 0 | 0 |
| Total | 85 | 2834 | 1733 | 4567 |

2. Frontline demonstrations (including CFLDs on Oilseeds and Pulses under NFSM)

| Enterprise | No. of Farmers | Area (ha) | Units/Animals |
|-----------------------|----------------|------------|---------------|
| Oilseeds | 250 | 100 | |
| Pulses | 175 | 70 | |
| Cereals | 100 | 30 | |
| Vegetables | 11 | 1 | |
| Other crops | 0 | 0 | |
| Hybrid crops | 0 | 0 | |
| Total | 536 | 201 | |
| Livestock & Fisheries | 59 | | |
| Other enterprises | 100 | 100 | |
| Total | 159 | 100 | |
| Grand Total | 695 | 301 | |

3. Technology Assessment

| Category | No. of Technology Assessed | No. of Trials | No. of Farmers |
|----------------------------|----------------------------|---------------|----------------|
| Technology Assessed | | | |
| Crops | 4 | 4 | 40 |
| Livestock | 0 | 0 | 0 |
| Various enterprises | 0 | 0 | 0 |
| Total | 0 | 0 | 0 |
| Grand Total | 4 | 4 | 40 |

4. Extension Programmes

| Category | No. of Programmes | Total Participants |
|----------------------------|-------------------|--------------------|
| Extension activities | 113 | 1730 |
| Other extension activities | | |
| Total | | |

5. Mobile Advisory Services

| Name of KVK | Message Type | Type of Messages | | | | | | Total |
|-------------|---------------------------------|------------------|-----------|----------|-----------|-----------|------------------|------------|
| | | Crop | Livestock | Weather | Marketing | Awareness | Other enterprise | |
| | Text only | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Voice only | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Voice & Text both | 22 | 0 | 0 | 0 | 0 | 0 | 22 |
| | Total Messages | 22 | 0 | 0 | 0 | 0 | 0 | 22 |
| | Total farmers Benefitted | 160 | 0 | 0 | 0 | 0 | 0 | 160 |

6. Seed & Planting Material Production

| | Quintal/Number | Value Rs. |
|----------------------------|----------------|-----------|
| Seed (q) | | |
| Greengram | 2.69 | |
| Cumin | 2.55 | |
| Chickpea | 15.43 | |
| Planting material (No.) | 40472 | 614125 |
| Bio-Products (kg) | 0 | 0 |
| Livestock Production (No.) | 17 | 136000 |
| Fishery production (No.) | 0 | 0 |

7. Soil, water & plant Analysis

| Samples | No. of Beneficiaries | Value Rs. |
|--------------|----------------------|-----------|
| Soil | 0 | 0 |
| Water | 0 | 0 |
| Plant | 0 | 0 |
| Total | 0 | 0 |

8. HRD and Publications

| Sr. No. | Category | Number |
|---------|-----------------------------|--------|
| 1 | Workshops | 10 |
| 2 | Conferences | 3 |
| 3 | Meetings | 20 |
| 4 | Trainings for KVK officials | 0 |
| 5 | Visits of KVK officials | 15 |
| 6 | Book published | 0 |
| 7 | Training Manual | 2 |
| 8 | Book chapters | 0 |
| 9 | Research papers | 2 |
| 10 | Lead papers | 0 |
| 11 | Seminar papers | 0 |
| 12 | Extension folder | 15 |
| 13 | Proceedings | 0 |

| | | |
|----|----------------------------|---|
| 14 | Award & recognition | 0 |
| 15 | On going research projects | 6 |

DETAIL REPORT OF APR-2018-19**1. GENERAL INFORMATION ABOUT THE KVK**

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

| Address | Telephone | | E mail |
|---|-------------|-----|--|
| | Office | FAX | |
| Krishi Vigyan Kendra, Post Box No.-15, Sirohi- 307001 (Rajasthan) | 02972293230 | - | pckvksirohi@yahoo.com |

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

| Address | Telephone | | E mail |
|--|-----------------|-----------------|--|
| | Office | FAX | |
| Vice-chancellor Agriculture University, Jodhpur- 313 001 Rajasthan | 0291 2571347 | 0291 2571813 | vcunivag@gmail.com |

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

| Name | Telephone / Contact | | |
|--|---------------------|------------|--|
| | Residence | Mobile | Email |
| Dr. S.R. Kumawat Programme Coordinator Krishi Vigyan Kendra, Sirohi Post Box No.- 15 District- Sirohi Pin code- 307 001 Rajasthan, India | | 9413211983 | pckvksirohi@yahoo.com |

1.4. Year of sanction: September 1989

1.5. Staff Position (as on 30th March, 2019)

| Sl. No. | Sanctioned post | Name of the incumbent | Design-ation | Discip-line | Pay Scale (Rs.) | Present basic (Rs.) | Date of joining | Perman-ent /Temp-orary | Category (SC/ST/OBC/Others) | Mobile no. | Age | Email id |
|---------|---------------------------|-----------------------|-----------------|-------------|-----------------|---------------------|-----------------|------------------------|-----------------------------|------------|-----|----------|
| 1 | Programme Coordinator | Dr. SR Kumawat | Senior Sci. & H | Ext. Edu. | | | 19.12.18 | Temporary | OBC | 9413211983 | | |
| 2 | Subject Matter Specialist | Ms Suman Sharma | SMS | Ext. Edu | 15600-39100 | 22180 | 21.2.18 | Temporary | Gen | 7615824629 | | |
| 3 | Subject Matter Specialist | Dr. RPS Jetawat | SMS | P. Path | 15600-39100 | 22180 | 20.2.18 | Temporary | Gen | 7737891990 | | |
| 4 | Subject Matter Specialist | Ms. Kamini Parashar | SMS | Horti. | 15600-39100 | 22180 | 24.2.18 | Temporary | Gen | 9057510027 | | |
| 5 | Subject Matter Specialist | Ms Aabha Parashar | SMS | Agron | 15600-39100 | 22180 | 22.3.18 | Temporary | Gen | 8619232653 | | |
| 6 | Subject Matter Specialist | Dr. Ankita Sharma | SMS | H. Sc. | 15600-39100 | 22180 | 26.3.18 | Temporary | Gen | 9414465592 | | |
| 7. | Section officer | Ratan | Field | - | Fixed- | 6000 | 15.11.01 | Temporary | Others | 8619489626 | | |

| | | | | | | | | | | | | |
|----|-----------------------------|---------------------------|---------------|---|------------|-------|---------|-----------|--------|------------|--|--|
| | | Singh Shaktawat | Investigator | | 6000 | | | | | | | |
| 8 | Programme Assistant | Sh. Bhanwar Lal Choudhary | PA(Lab tech.) | | 9300-34800 | 26500 | 5.10.18 | Temporary | OBC | 9785310792 | | |
| 9 | Computer Programmer | Sh. Vikas Choudhary | PA(Computar) | | 9300-34800 | 26500 | 6.10.18 | Temporary | OBC | 8209299231 | | |
| 10 | Farm Manager | Dr. Hari Singh | Fram Manager | | 9300-34800 | 26500 | 4.10.18 | Temporary | OBC | 9887524626 | | |
| 11 | Accountant / Superintendent | | | | | | | Temporary | | | | |
| 12 | Stenographer | Sh. Akash Khatri | Steno. | | 5200-20200 | 14600 | 5.10.18 | Temporary | | 9269548888 | | |
| 13 | Driver | Sh. Gajendra Jat | Driver | | 5200-20200 | 13500 | 4.10.18 | Temporary | OBC | 6375986618 | | |
| 14 | Driver | Sh. Dileep Singh | Driver | | 5200-20200 | 13500 | 5.10.18 | Temporary | SC | 9001262700 | | |
| 15 | Supporting staff | Chatar Singh | Class IV | - | 5200-20200 | 10520 | 28.5.16 | Temporary | Others | 9828965773 | | |
| 16 | Supporting staff | Narayan Singh | Class IV | - | 5200-20200 | 7550 | 22.2.17 | Temporary | Others | 8094078745 | | |

1.6. Total land with KVK (in ha) :

| S. No. | Item | Area (ha) |
|--------|---------------------------|-----------|
| 1 | Under Buildings | 0.5 |
| 2. | Under Demonstration Units | 0.6 |
| 3. | Under Crops | 12.0 |
| 4. | Orchard/Agro-forestry | 2.0 |
| 5. | Others (Forest) | 15.9 |

1.7. Infrastructural Development:

A) Buildings

| S. No. | Name of building | Source of funding | Stage | | | | | |
|--------|------------------------------|-------------------|-----------------|--------------------|-------------------|---------------|--------------------|------------------------|
| | | | Complete | | | Incomplete | | |
| | | | Completion Date | Plinth area (Sq.m) | Expenditure (Rs.) | Starting Date | Plinth area (Sq.m) | Status of construction |
| 1. | Administrative Building | ICAR | 2005 | 374.4 | Kept with EO | | | |
| 2. | Farmers Hostel | ICAR | 1995 | 328.52 | Kept with EO | | | |
| 3. | Staff Quarters (6) | ICAR | 2007 | 3365 | Kept with EO | | | |
| 4. | Demonstration Units (2) | ICAR | 29.5.10 | 0.6 | Kept with EO | | | |
| | | ICAR | 2011 | Partial | Kept with EO | | | |
| 5 | Fencing | ICAR | 2008 | Completed | 10.0 | | | |
| 6 | Rain Water harvesting system | ICAR | 2008 | Completed | 1.00 | | | |
| 7 | Threshing floor | ICAR | 2009 | Completed | Kept with EO | | | |
| 8 | Farm godown | NHM | 2009 | Completed | 18.0 | | | |

B) Vehicles

| Type of vehicle | Year of purchase | Cost (Rs.) | Total kms. Run | Present status |
|-----------------------------------|------------------|------------|----------------|----------------|
| Motor cycle Hero Honda | 8.3.1999 | 0.37 | | Working |
| Jeep Bolero | 24.4.2005 | 4.35 | | Working |
| Tractor | 31.03.1995 | 2.22 | | Working |
| Motorcycle Hero Honda Passion Pro | 26.3.2011 | 0.48700 | | Working |

C) Equipments & AV aids

| Name of the equipment | Year of purchase | Cost (Rs.) | Present status |
|-----------------------|------------------|------------|----------------|
| Photostat machine | 31.03.04 | 0.57 | Working |
| Camera | 16.03.91 | 0.03 | Not working |
| Computer-I | 1998 | - | Very old |
| Computer-II | 12.08.05 | 0.30 | Very old |
| Scan Jet | 12.08.05 | 0.05 | Not Working |
| LCD projector | 11.10.05 | 0.85 | Not Working |
| Over head projector | 26.03.94 | 0.16 | Not Working |
| Duplicating Machine | 12.03.90 | 0.02 | Not working |
| Cream Separator | 12.03.99 | 0.035 | Working |

| | | | |
|--|-----------------------------------|-------|------------------------|
| Fat machine | 12.03.99 | 0.01 | Working |
| Stitching machine | 22.7.05 | 0.04 | Working |
| Digital pH meter with ATC | 09.02.05 | 0.09 | Working |
| Digital conductivity meter | 09.02.05 | 0.09 | Working |
| Microprocessor scanning visible spectrophotometer | 09.02.05 | 0.46 | Working |
| Balance Digital | 21.01.05 | 0.10 | Working |
| Balance digital electronic | 07.02.05 | 1.05 | Working |
| Kjeldal Digestion and distillation | 13.02.05 | 0.19 | Working |
| Rotary shaker | 13.02.05 | 0.26 | Working |
| Digestion apparatus | 14.02.05 | 0.13 | Working |
| Micro Kjeldal Assembly | 14.02.05 | 0.15 | Working |
| Shaking machine | 14.02.05 | 0.16 | Working |
| Oven Memmert type | 14.02.05 | 0.20 | Working |
| YSPL Laboratory mill | 14.02.05 | 0.30 | Working |
| Distilling apparatus quartz and demountable panel series | 14.02.05 | 0.74 | Working |
| Electric rely unit | 14.02.05 | 0.05 | Working |
| Water softener | 14.02.05 | 0.07 | Working |
| Rectangular hot plate MAC MSW | 18.02.05 | 0.17 | Working |
| U controller flamphotometer | 27.01.05 | 0.36 | Working |
| Constant voltage transformer 500 V | 10.03.05 | 0.10 | Working |
| Constant voltage transformer 1 KVA | 10.03.05 | 0.18 | Working |
| Combine Eletrode Plate | 10.03.05 | 0.05 | Working |
| Conductivity Cell | 10.03.05 | 0.05 | Working |
| Optical glass cuvette for spectrophotometer | 10.03.05 | 0.08 | Working |
| Quartz glass cuvette for spectrophotometer | 10.03.05 | 0.15 | Working |
| Visible Lamp for spectrophotometer | 10.03.05 | 0.03 | Working |
| L.G. refrigerator | 23.05.06 | 0.18 | Working |
| Steel Elmira 78X36X10 | 18.03.05 | 0.35 | Working |
| Steel Elmira 50X30X17 | 18.03.05 | 0.20 | Working |
| Steel Rack with6 shelves | 18.03.05 | 0.16 | Working |
| Steel shoe case 66X33X12 with 4 mm glass | 18.03.05 | 0.26 | Working |
| Office Table | 18.03.05 | 0.10 | Working |
| Office table with sun mica top | 18.03.05 | 0.11 | Working |
| Furniture | | | |
| Table | 30.03.91 | 0.03 | Working |
| Central table | 28.03.91 | 0.007 | Working |
| Library table with chair | | 0.13 | Working |
| Chair steel tubular with back | 12.02.91 | - | Working |
| Class room Chair | 20.3.97 | 0.16 | Not working |
| Class room Chair | 24.3.97 | 0.05 | Not working |
| Revolving chair | 12.03.90, 07.03.03 18.10.05 | 0.08 | Not working Working |
| Executive Chair | 31.3.97 | 0.06 | Not working |
| TV Color | 31.13.91 | 0.05 | Not working |
| CD Player | 31.12.91 | 0.01 | Not working |
| Cooler | 29.03.97 | 0.05 | Not working |
| Wooden coat | 21.03.97 | 0.05 | Not working |
| Coir meterees | 21.03.97 | 0.04 | Not working |
| Iron Coat with nibar | 22.3.97 | 0.11 | Not working |
| Folding chair | 21.12.91 | 0.003 | Not working |

| | | | |
|-------------------------------------|----------|-------|-------------|
| Capsule Pipe Chair | 31.3.97 | 0.07 | Not working |
| Sofa set | 17.06.97 | 0.02 | Working |
| Iron board | 12.02.90 | - | Not working |
| Iron board | 27.03.93 | 0.03 | Not working |
| Board sun mica | 31.03.90 | - | Not working |
| Small board | 16.12.91 | 0.03 | Not working |
| Aluminum board | 10.03.92 | - | Not working |
| Board display | 09.03.92 | 0.02 | Not working |
| Glass board | 25.03.97 | 0.06 | Not working |
| Black board | 09.03.92 | - | Not working |
| Chalk board | 18.03.02 | 0.01 | Working |
| Ply wood board | 31.03.94 | 0.015 | Working |
| Dari (fars) | 31.10.91 | - | Working |
| Dari (fars) | 23.03.97 | 0.02 | Working |
| Almirah | 11.02.93 | 0.11 | Working |
| Almirah | 24.03.97 | 0.02 | Working |
| Almirah | 31.03.90 | 0.001 | Working |
| Almirah | 17.03.94 | 0.08 | Working |
| Almirah | 24.03.97 | 0.03 | Working |
| Stand for water | 29.05.90 | 0.005 | Not working |
| TV cabinet | 15.03.95 | 0.03 | Not working |
| HEDP PIPE | 17.03.99 | 0.08 | Not working |
| UPS System | - | - | Not working |
| Store bin | 16.03.91 | 0.01 | Not working |
| Iron box | 23.03.97 | 0.04 | Not working |
| Wooden bench | 16.03.91 | 0.004 | Not working |
| Iron Box | 21.03.05 | 0.04 | Not working |
| Spring Balance | 31.03.03 | 0.02 | Not working |
| Lecture stand | 26.03.94 | 0.02 | Working |
| Iron Box and Almirah | 18.03.02 | 0.10 | Working |
| Disc harrow | 31.03.95 | 0.13 | Not working |
| Disc plough | 22.03.97 | 0.20 | Not working |
| Trolley | 31.03.95 | 0.31 | Not working |
| Cultivator | 22.03.01 | 0.06 | Working |
| Cultivator with seed drill | 31.03.95 | 0.08 | Not working |
| Nine tine tiller | 03.03.95 | 0.11 | Not working |
| Bund Former | 22.03.97 | 0.04 | Not working |
| Land Leveler | 22.03.97 | 0.03 | Not working |
| Sprayer | 31.03.90 | 0.002 | Not working |
| Sprayer | 19.12.91 | 0.006 | Not working |
| Sprayer | 20.03.99 | - | Working |
| Knap sack sprayer | 26.03.03 | 0.03 | Working |
| Duster | 31.03.94 | - | Not working |
| Duster | 28.03.03 | 0.03 | Not working |
| Duster | 29.03.97 | 0.01 | Not working |
| Agri. Sprayer with hand compression | 27.03.98 | 0.03 | Not working |
| Agri decorticator with 1 hp | 27.03.98 | 0.10 | Not working |
| Seed dressing drum | 29.03.97 | 0.03 | Not working |
| Power sprayer | 29.03.97 | 0.06 | Not working |
| Rotary Hand Duster | 20.03.99 | 0.12 | Working |
| 2F MB plough | 20.03.99 | 0.10 | Working |

| | | | |
|---|-------------|-------|-------------|
| Seed cum Fertilizer drill | 23.03.98 | 0.06 | Not Working |
| Agriculture Fertilizer broad caster | 23.03.98 | 0.04 | Working |
| Messy Cultivator Hal | 19.01.99 | 0.06 | Working |
| LCD Projector | 21.03.2007 | 98138 | Working |
| Digital Camera | 23.02.2010 | 23700 | Not Working |
| Furniture (Conference Table-01, Chair-30) | 26.02.2010 | 99989 | Working |
| Generator | 26.02.2010 | 49800 | Working |
| FAX Machine | 28.02.2010 | 14327 | Not Working |
| EPBAX | 2011 | 45064 | Not Working |
| PA Syatem | 2011 | 29800 | Working |
| Power sprayer | 2011 | 24993 | Working |
| Computer | 12.08.05 | 30800 | Working |
| Desiel Engine | 6.09.05 | 17200 | Working |
| Scan Jet | 11.03.2005 | 4450 | Not Working |
| Stitiching Machine | 9.07.07 | 10800 | Working |
| Embrodary Machine | 9.07.07 | 7900 | Working |
| LCD Projector | 16.09.05 | 82619 | Working |
| Rotavator | 6.06.06 | 49500 | Working |
| Cultivator | 2016 | | Working |
| AC | 21.3.17 (2) | | Working |
| Soil testing kit | 2016 | | Working |
| Soil testing kit | 2017 | | Working |
| Computer | 2017 | | Working |
| LCD Projector | 2017 | | Working |

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

| Sl.No. | Date | Name and Designation of Participants | Salient Recommendations | Action taken |
|--------|----------|--|---|--------------|
| 1. | 4.1.2019 | Dr. Ishwar Singh Director Extension Education, AU, Jodhpur | <ol style="list-style-type: none"> 1. Introduce pearl millet hybrid variety MPMH-17 among the farmers of Sirohi district. 2. The spray schedule should be follow in the cumin seed production at KVK and it should be in corporate among the training programmes organize at KVK. 3. To reduce the cost of cultivation of oil seed crops, the sulphur application should be supply through the Gypsum and it should be follow in CFLD also. 4. The OFT of crop production on enhancement of | |

| | | | | |
|----|----------|--|---|--|
| | | | <p>productivity of wheat through Jivaamrut is not as per standard, hence it should be frame on new parameters of OFT.</p> <p>5. The title of on campus and off campus training should be incorporate integrated pest and disease management of particulars crop under plant protection subject.</p> <p>6. The KVK scientist assess the survivability of poultry breed Kadaknath among the farming community of sirohi district.</p> <p>7. The duration of tailoring training programme should be increase upto 5 to 10 days at the farmers field.</p> | |
| 2. | 4.1.2019 | Dr. B.L. Jangid Principal scientist (Extension Education) ATARI, Jodhpur | <p>1. The presentation should be attractive, impressive and also incorporate appropriate font size, font colour, font type.</p> <p>2. The impact assessment of KVK activities like training, demonstration and extension activities should be included in the coming action plan.</p> | |
| 3. | 4.1.2019 | Dr. Prakash Gupta P.D. (ATMA) | <p>1. The training programme on the newly introduced Custard apple fruit should be organized by the KVK.</p> <p>2. Looking the problem of electricity at KVK, The proposal for installation of solar panel at KVK building and solar water pump at KVK pond should be submit under ATMA project.</p> | |
| 4. | 4.1.2019 | Dr. J.C. Meghwanshi Deputy Director Agriculture | <p>1. Looking the scarcity of water, the mini-sprinkler and drip demonstration unit should be installed at KVK farm.</p> | |

| | | | | |
|----|----------|---|---|--|
| | | | 2. To motivate the farmers about organic cultivation of crops, Vermicompost, NADEP compost unit should be establish at KVK. | |
| 5. | 4.1.2019 | Dr. Aves Khan Veterinary officer AHD | 1. The training programme on management of sirohi Goat should be included in the action plan. | |
| 6. | 4.1.2019 | Smt. Kamla Parmar Deputy Director ICDS | 1. The training programme on importance of nutrition among Aganbadi workers should be organized by the KVK. | |
| 7. | 4.1.2019 | Sh. Arjun Singh Bhati, Assistant Administrative officer, DIC | 1. The expert services of district industrial centre Sirohi should be included in the skill oriented training programme organized at KVK. | |
| 8. | 4.1.2019 | Dr. Ravindra Kumar Teaching Associate VUTRC, Sirohi | 1. To popularize the poultry among the farmers of Sirohi district, the demonstration on different breed of poultry should be included in action plan. | |
| 9. | 4.1.2019 | Sh. Pukhraj Kumhar, Progressive farmer | 1. The improved seeds of Green gram, chickpea and seedlings of fruits plants should be made available to the farmers. | |

Note : This yellow mark may be treated as an example

*** Attach a copy of SAC proceedings along with list of participants**

2. DETAILS OF DISTRICT (2018-19)

2.1 Major farming systems/enterprises (based on the analysis made by the KVK)

| S. No | Farming system/enterprise |
|-------|--------------------------------|
| 1. | Agriculture |
| 2. | Agriculture + Animal Husbandry |
| 3. | Agriculture + Service |
| 4. | Agriculture + Business |

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

| S. No | Agro-climatic Zone | Characteristics |
|-------|---|--|
| 1 | Agro-climatic zone II b i.e. "Transitional plain of Luni Basin" | Irrigated, normal soil, rainfed, medium to deep soil |
| 2 | Zone IV a i. e. "Sub humid Southern plain and Aravali Hills" | Rainfed, medium textured, shallow to moderate deep, undulated and hilly, |

| | | |
|--|--|--|
| | | irrigated medium to heavy texture, moderately deep to very large |
|--|--|--|

2.3 Soil type/s

| S. No | Soil type | Characteristics | Area in ha |
|-------|------------------------------------|--|------------|
| 1. | Sandy loam to loamy | Low N & P, Calcium carbonate concretions occurs at various depths influencing the effective soil depth salinity, sodicity in same area | 315934 |
| 2. | Loamy sand to clay, loam lethosols | Low in N, medium in P and medium to high in K, low WHC, water erosion of soil is common | 202013 |

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

| S. No | Crop | Area (ha) | Production (Qtl) | Productivity (Qtl /ha) |
|-------|--------------|-----------|------------------|------------------------|
| 1. | Maize | 20425 | 9191 | 450 |
| 2. | Sorghum | 6914 | 2765 | 450 |
| 3. | Bajara | 9970 | 4985 | 500 |
| 4. | Green gram | 9110 | 2368 | 260 |
| 5. | Arhar | 59 | 23 | 400 |
| 6. | Groundnut | 14219 | 17773 | 1250 |
| 7. | Sesame | 24098 | 602 | 25 |
| 8. | Castor | 26419 | 36986 | 1400 |
| 9. | Cotton | 2905 | 929 | 320 |
| 10. | Cluster bean | 19739 | 986 | 050 |
| 11. | Any other | 22196 | | |
| 12. | Wheat | 36210 | 101388 | 2800 |
| 13. | Barley | 1000 | 3000 | 3000 |
| 14. | Chickpea | 6350 | 6032 | 950 |
| 15. | Mustard | 18650 | 22380 | 1200 |
| 16. | Cumin | 6950 | 2780 | 400 |
| 17. | Ishabghol | 210 | 105 | 500 |
| 18. | Vegetables | 1095 | | |
| 19. | Green fodder | 1250 | | |
| 20. | Other | 1845 | | |

2.5. Weather data

| Month | Rainfall (mm) | Temperature ° C | | Relative Humidity (%) |
|-------|---------------|-----------------|---------|-----------------------|
| | | Maximum | Minimum | |
| | | | | |

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

| Category | Population | Production | Productivity |
|-------------------|---------------|------------|--------------|
| Cattle | | | |
| <i>Crossbred</i> | 3089 | | |
| <i>Indigenous</i> | 191486 | | |
| Buffalo | 186218 | | |
| Sheep | | | |

| | | | |
|-------------------|---------------|--|--|
| Crossbred | | | |
| <i>Indigenous</i> | 205736 | | |
| Goats | 307708 | | |
| Pigs | | | |
| <i>Crossbred</i> | | | |
| <i>Indigenous</i> | 530 | | |
| Rabbits | | | |
| Poultry | | | |
| Hens | | | |
| <i>Desi</i> | 5236 | | |
| <i>Improved</i> | | | |
| Ducks | | | |
| Turkey and others | | | |

| Category | Area | Production | Productivity |
|-----------------|-------------|-------------------|---------------------|
| Fish | | | |
| <i>Marine</i> | | | |
| <i>Inland</i> | | | |
| Prawn | | | |
| Scampi | | | |
| Shrimp | | | |

2.7 Details of Operational area / Villages (2018-19)

| Sl.No. | Taluk | Name of the block | Name of the village | Major crops & enterprises | Major problem identified | Identified Thrust Areas |
|--------|--------|-------------------|---|---|--|-------------------------|
| Reodar | Reodar | Dadarla | Mustard, Wheat, Cotton, Castor, Sesame, Green gram, Maize, Okra, Fennel | <ul style="list-style-type: none"> ➤ Low productivity of crops viz. castor, cotton, fennel and mustard ➤ Lack of knowledge ➤ Practicing broad cast method of sowing of mustard, wheat, ➤ Inefficient use of irrigation water ➤ Least adoption of horticultural crops ➤ Scarcity of irrigation water ➤ Low economic status of farm families ➤ Low milk yield of indigenous cattle, buffalo & goat ➤ Heavy attack of pest & disease in castor, tomato & fennel ➤ Mal nutrition in farm women & children | Front Line Demonstration Trainings for farmers and farm women Trainings for Rural youth Trainings for Extension functionaries Availability of Agricultural magazines and Krishi Calendar Seed production Back Yard Poultry Farm | |

| | | | | | | |
|--|--|---------------|--|--------|------|--|
| | | Positara | Wheat, Cotton, Sesame, Mustard, Green gram, Maize, Okra, Chlli, Bottle guard, Citrus, Fennel, papaya | • -do- | -do- | |
| | | Maliyokikhera | Wheat, mustard, maize, cotton, sesame, green gram, castor, fennel | • -do- | -do- | |
| | | Bapuda | Mustard, wheat, cotton, castor, sesame, green gram, maize, okra, bottle guard, chilli, citrus | • -do- | -do- | |

2.8 Priority/thrust areas

| Crop/Enterprise | Thrust area |
|---|---|
| Papaya, Citrus, mango, and ber in fruits, tomato and chillies in vegetables, fennel and cumin in spices | Diversification of existing cropping pattern by expanding area under horticulture. |
| Castor | High yielding varieties and Change in crop geometry |
| Cotton | Integrated pest management and INM |
| Fennel | High yielding varieties, Irrigation management and change in crop geometry. |
| Mustard | High yielding varieties and INM |
| Wheat | High yielding varieties |
| Maize | High yielding varieties |
| Green Gram | High yielding varieties and INM |
| Cluster bean | High yielding varieties |
| Sesame | High yielding varieties and INM |
| Cumin | High yielding varieties |
| Goat (Sirohi-goat) | Promotion of dual-purpose breed of goat (Sirohi-goat) |
| Cow and buffaloes | Improvement in local breeds of cow and buffaloes through scientific breeding, AI, feeding and management |
| Dry land farming | Promotion of dry land farming technologies in watershed areas of the district. |
| Castor, fennel and tomato | Popularization of IPM, IPNS, IWM technologies in commercial crops |
| Drudgery reducing measure | Introduction of drudgery reducing measure in agriculture and animal husbandry activities especially for women and improvement in health, hygiene and nutrition status of rural families and formation of Self Help Groups |
| Vocational training's for rural | Organizing vocational training's for rural youth on dairy management, nursery raising, cutting & tailoring and fruit & vegetable preservation |

* An example for guidance only

3. TECHNICAL ACHIEVEMENTS

3.A. Details of target and achievements of mandatory activities by KVK during 2018-19

| OFT (Technology Assessment) | | | | FLD (Oilseeds, Pulses, Cotton, Other Crops/Enterprises) | | | |
|-----------------------------|-------------|---------------------|-------------|---|-------------|-------------------|-------------|
| 1 | | | | 2 | | | |
| Number of OFTs | | Total no. of Trials | | Area in ha | | Number of Farmers | |
| Targets | Achievement | Targets | Achievement | Targets | Achievement | Targets | Achievement |
| 4 | 4 | 40 | 40 | 121 | 245 | 305 | 610 |

| Training (including sponsored, vocational and other trainings carried under Rainwater Harvesting Unit) | | | | | Extension Activities | | | |
|--|---------|-------------|------------------------|-------------|----------------------|-------------|------------------------|-------------|
| 3 | | | | | 4 | | | |
| Number of Courses | | | Number of Participants | | Number of activities | | Number of participants | |
| Clientele | Targets | Achievement | Targets | Achievement | Targets | Achievement | Targets | Achievement |
| Farmers | 28 | 28 | 700 | 742 | 105 | 113 | 1650 | 1730 |
| Rural youth | 1 | 1 | 20 | 49 | | | | |
| Extn. Functionaries | 2 | 2 | 40 | 55 | | | | |

| Seed Production (Qtl.) | | | Planting material (Nos.) | | |
|------------------------|-------------|-------------------------------|--------------------------|-------------|-------------------------------|
| 5 | | | 6 | | |
| Target | Achievement | Distributed to no. of farmers | Target | Achievement | Distributed to no. of farmers |
| 95 | 20.67 | | 20000 | 40472 | |

I.A TECHNOLOGY ASSESSMENT

Summary of technologies assessed under various crops by KVKs

| Thematic areas | Crop | Name of the technology assessed | No. of trials | No. of farmers |
|--------------------------------|----------|--|---------------|----------------|
| Integrated Nutrient Management | | | | |
| Varietal Evaluation | | | | |
| Integrated Pest Management | | | | |
| Integrated Crop Management | Castor | Varietal assessment of castor | | 10 |
| | Chickpea | Promote the new variety in cultivation for increasing production of chickpea | | 10 |
| Integrated Disease Management | Tomato | Integrated disease management | | 10 |

| | | | | |
|---|--------|-------------------------------|--|----|
| | Castor | Integrated disease management | | 10 |
| Small Scale Income Generation Enterprises | | | | |
| | | | | |
| Weed Management | | | | |
| | | | | |
| Resource Conservation Technology | | | | |
| | | | | |
| Farm Machineries | | | | |
| | | | | |
| Integrated Farming System | | | | |
| | | | | |
| Seed / Plant production | | | | |
| | | | | |
| Post Harvest Technology / Value addition | | | | |
| | | | | |
| Drudgery Reduction | | | | |
| | | | | |
| Storage Technique | | | | |
| | | | | |
| Others (Pl. specify) | | | | |
| | | | | |
| Total | | | | |

Summary of technologies assessed under livestock by KVKs

| Thematic areas | Name of the livestock enterprise | Name of the technology assessed | No. of trials | No. of farmers |
|----------------------------|----------------------------------|---------------------------------|---------------|----------------|
| Disease Management | | | | |
| Evaluation of Breeds | | | | |
| Feed and Fodder management | | | | |
| Nutrition Management | | | | |
| Production and Management | | | | |
| Others (Pl. specify) | | | | |

INTEGRATED CROP MANAGEMENT

Problem definition: For increase productivity of Varietal assessment of castor castor

Technology Assessed : Varietal assessment of castor

Table : Varietal assessment of castor

| Technology Option | No.of trials | Yield (t/ha) | Net Returns (Rs. in lakh./ha) |
|--------------------------|---------------------|---------------------|--------------------------------------|
| GCH-7 | 10 | | |
| GCH-8 | | | |

PEST AND DISEASE MANAGEMENT

Problem definition: Effect of propiconazole and trichoderma management of alternaria leaf spot of castor

Technology Assessed : Integrated disease management

Table: Effect of propiconazole and trichoderma management of alternaria leaf spot of castor

| Technology Option | No.of trials | Incidence of leaf curl (%) | Yield (kg/ha) | % Increase in yield over farmer's practice |
|---|---------------------|-----------------------------------|----------------------|---|
| Farmer practice seed treatment with fungicide like thiram (3 g/s kg seed) | 10 | | | |
| Seed treatment with thiram(3g/kg seed) | | | | |

PEST AND DISEASE MANAGEMENT

Problem definition: Effect of hexaconazole for the management of early blightof tomato

Technology Assessed : Integrated disease management

Table : Effect of hexaconazole for the management of early blight of tomato

| Technology Option | No.of trials | Incidence of leaf curl (%) | Yield (kg/ha) | % Increase in yield over farmer's practice |
|---|---------------------|-----------------------------------|----------------------|---|
| Spray of copper oxychloride 50 wp 2gram/liter | 10 | | 26.3 | 22970 |
| Seed treatment thiram+trichoderma spray of hexaconazole | | | 36.8 | 37700 |

II. FRONTLINE DEMONSTRATION

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

List of technologies demonstrated during previous year and popularized during 2018-19 and recommended for large scale adoption in the district

| S. No | 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 |
| 1. | Green gram | ICM | Variety (GAM-5) | Training, CFLDs, Scientist visit & field day | 3 | 125 | 50 |
| 2. | Sesame | ICM | RT-351 | Training, CFLDs, Scientist visit & field day | 5 | 75 | 30 |
| 3. | Castor | ICM | GCH-7 | Training, CFLDs, Scientist visit & field day | 3 | 75 | 30 |
| 4. | Pearlmillet | ICM | MPMH-17 | Training, CFLDs, Scientist visit & field day | 3 | 75 | 30 |
| 5. | Maize (TSP) | ICM | JKMH-502 | Training, FLDs, Scientist visit & field day | 1 | 25 | 10 |
| 6. | Chickpea | ICM | RSG-924 | Training, CFLDs, Scientist visit & field day | 2 | 50 | 20 |
| 7. | Mustard | ICM | NRCHB-101 | Training, CFLDs, Scientist visit & field day | 4 | 100 | 40 |
| 8. | Cumin | ICM | GC-4 | Training, CFLDs, Scientist visit & field day | | 75 | 30 |
| 9. | Chickpea (TSP) | ICM | GNG-1581 | Training, FLDs, Scientist visit & field day | 3 | 10 | 5 |
| 10. | Wheat (TSP) | ICM | Raj-4238 | Training, FLDs, Scientist visit & field day | 1 | 25 | 10 |
| | | | | | 2 | 25 | 10 |

* Thematic areas as given in Table 3.1 (A1 and A2)2

b. Details of FLDs implemented during 2017-18 (Information is to be furnished in the following **three tables** for **each category** i.e. **cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.**)

| Sl. No. | Crop | Thematic area | Technology Demonstrated | Season and year | Area (ha) | | No. of farmers/ Demonstration | | | Reasons for shortfall in achievement |
|---------|------------|---------------|-------------------------|-------------------|-----------|--------|-------------------------------|--------|-------|--------------------------------------|
| | | | | | Proposed | Actual | SC/ST | Others | Total | |
| 1. | Green gram | ICM | GAM-5 | Khari f- 2018 -19 | 50 | 50 | 53 | 72 | 125 | |
| 2. | Sesame | ICM | RT-351 | Khari f- 2018-19 | 30 | 30 | 27 | 48 | 75 | |
| 3. | Castor | ICM | GCH-7 | Khari f- 2018-19 | 30 | 30 | 15 | 60 | 75 | |

| | | | | | | | | | | |
|-----|--------------------------------|-----|--------------|----------------|-----|-----|----|----|-----|---------------------|
| 4. | Pearlmillet | ICM | MPMH-17 | Kharif-2018-19 | 10 | 10 | 7 | 18 | 25 | Due to low rainfall |
| 5. | Maize (TSP) | ICM | JKMH-502 | Kharif-2018-19 | 20 | 20 | 50 | 0 | 50 | |
| 6. | Chickpea | ICM | RSG-974 | Rabi-2018-19 | 40 | 40 | 42 | 58 | 100 | |
| 7. | Mustard | ICM | NRCHB-101 | Rabi-2018-19 | 30 | 30 | 10 | 65 | 75 | |
| 8. | Cumin | ICM | GC-4 | Rabi-2018-19 | 5 | 5 | 2 | 8 | 10 | |
| 9. | Chickpea (TSP) | ICM | GNG-1581 | Rabi-2018-19 | 10 | 10 | 25 | 0 | 25 | |
| 10. | Wheat (TSP) | ICM | Raj-4238 | Rabi-2018-19 | 10 | 10 | 25 | 0 | 25 | |
| 11. | Tomato | | Arka rakshak | | 1.1 | 1.1 | 0 | 11 | 11 | |
| 12. | Wheat(Doubling farmers income) | ICM | Raj-4238 | Rabi-2018-19 | 10 | 10 | 12 | 13 | 25 | |

Details of farming situation

| Crop | Season | Farming situation (RF/Irrigated) | Soil type | Status of soil | | | Previous crop | Sowing date | Harvest date | Seasonal rainfall (mm) | No. of rainy days |
|------------|----------------|----------------------------------|------------|----------------|--------|------|-----------------|-------------|--------------|------------------------|-------------------|
| | | | | N | P | K | | | | | |
| Green gram | Kharif-2018-19 | RF | Sandy loam | Low | Medium | High | Mustard /wheat | | | | |
| Sesame | Kharif-2018-19 | RF | Sandy loam | L | M | H | Chickpea /Wheat | | | | |
| Castor | Kharif-2018-19 | RF | Sandy | L | M | H | Mus | | | | |

| | | | | | | | | | | | |
|----------------|----------------|----|------------|---|---|---|---|--|--|--|--|
| | | | loam | | | | tard | | | | |
| Pearlmillet | Kharif-2018-19 | RF | Sandy loam | L | M | H | Chi ck pea /Wh eat | | | | |
| Maize (TSP) | Kharif-2018-19 | RF | Sandy loam | L | M | H | Chi ck pea /Wh eat | | | | |
| Chickpea | Rabi-2018-19 | RF | Sandy loam | L | M | H | Gre en gra m/P earl mill et | | | | |
| Mustard | Rabi 2018-19 | RF | Sandy loam | L | M | H | Gre eng ram /Gr oun dnu t | | | | |
| Cumin | Rabi 2018-19 | RF | Sandy loam | L | M | H | Gre eng ram /Pe arl mill et | | | | |
| Chickpea (TSP) | Rabi 2018-19 | RF | Sandy loam | L | M | H | Gre en gra m/P earl mill et | | | | |
| Wheat (TSP) | Rabi 2018-19 | RF | Sandy loam | L | M | H | Gre en gra | | | | |

| | | | | | | | | | | | |
|--------|--------------|----|---------------|---|---|---|---|--|--|--|--|
| | | | | | | | m/P earl mill et | | | | |
| Tomato | | RF | Sandy loam | L | M | H | Cau liflo wer | | | | |
| Wheat | Rabi 2018-19 | RF | Sandy loam | L | M | H | Gre en gra m/P earl mill et | | | | |

Technical Feedback on the demonstrated technologies

| S. No | Feed Back |
|-------|---|
| 1 | Generally farmers used advance generation seed of Raj-4238 variety. Latest improved certified seed not used. |
| 2 | Low dose of nitrogen (22-37 kg N/ha). |
| 3 | No seed treatment. |
| 4 | Improper scheduling & depth of irrigation. |
| 5 | Weed infestation & Termite problem. |

Farmers' reactions on specific technologies

| S. No | Feed Back |
|-------|--|
| 1 | Seed – Variety Raj-4238 very much liked by farmer because its matured in 125 days, bold seeded and brightness |
| 2 | GNG-1581 high yielding, high number of pods, bold seeds |
| 3 | Sesame variety RT-351 having bright white seeds, high number of capsules, resistant to phyllody |

Extension and Training activities under FLD

| Sl.No. | Activity | No. of activities organized | Date | Number of participants | Remarks |
|--------|--------------------------------------|-----------------------------|------|------------------------|---------|
| 1 | Field days | 11 | | 529 | |
| 2 | Farmers Training | 4 | | 100 | |
| 3 | Media coverage | 5 | | | |
| 4 | Training for extension functionaries | | | | |

Performance of Frontline demonstrations

Frontline demonstrations on oilseed crops (including NSFM)

| Crop | Thematic Area | technology demonstrated | Variety | No. of Farmers | Area (ha) | Yield (q/ha) | | | | % Increase in yield | Economics of demonstration (Rs./ha) | | | | Economics of check (Rs./ha) | | | |
|-----------|---------------|-------------------------|-----------|----------------|-----------|--------------|------|---------|-------|---------------------|-------------------------------------|--------------|------------|-----------|-----------------------------|--------------|------------|-----------|
| | | | | | | Demo | | | Check | | Gross Cost | Gross Return | Net Return | BCR (R/C) | Gross Cost | Gross Return | Net Return | BCR (R/C) |
| | | | | | | High | Low | Average | | | | | | | | | | |
| Groundnut | | | | | | | | | | | | | | | | | | |
| Sesamum | ICM | Full package | RRT-351 | 75 | 30 | 6.5 | 4.1 | 5.85 | 4.4 | 19.14 | 13120 | 37277 | 24157 | 2.84 | 11100 | 25928 | 14828 | 2.33 |
| Mustard | ICM | Full package | NRCHB-101 | 75 | 30 | 24.0 | 17.0 | 21.13 | 16.64 | 26.98 | 22118 | 85176 | 63058 | 3.85 | 20613 | 67704 | 47091 | 3.28 |
| Castor | ICM | Full package | GCH-7 | 75 | 30 | | | | | | | | | | | | | |
| Toria | | | | | | | | | | | | | | | | | | |
| Linseed | | | | | | | | | | | | | | | | | | |
| Sunflower | | | | | | | | | | | | | | | | | | |
| Soybean | | | | | | | | | | | | | | | | | | |

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

** BCR= GROSS RETURN/GROSS COST

Frontline demonstration on pulse crops (including NFSM)

| Crop | Thematic Area | technology demonstrated | Variety | No. of Farmers | Area (ha) | Yield (q/ha) | | | | % Increase in yield | Economics of demonstration (Rs./ha) | | | | Economics of check (Rs./ha) | | | |
|----------------|---------------|-------------------------|----------|----------------|-----------|--------------|------|---------|-------|---------------------|-------------------------------------|--------------|------------|-----------|-----------------------------|--------------|------------|-----------|
| | | | | | | Demo | | | Check | | Gross Cost | Gross Return | Net Return | BCR (R/C) | Gross Cost | Gross Return | Net Return | BCR (R/C) |
| | | | | | | High | Low | Average | | | | | | | | | | |
| Pigeonpea | | | | | | | | | | | | | | | | | | |
| Blackgram | | | | | | | | | | | | | | | | | | |
| Greengram | ICM | Full package | GAM-5 | 125 | 50 | 6.53 | 3.95 | 5.41 | 3.87 | 39.7 | 17381 | 30196 | 12815 | 1.73 | 13563 | 21608 | 8045 | 1.59 |
| Chickpea | ICM | Full package | RSG-924 | 100 | 40 | 23.0 | 19.0 | 21.21 | 16.38 | 26.25 | 27570 | 98360 | 70808 | 3.56 | 23601 | 75102 | 51500 | 3.18 |
| Chickpea (TSP) | ICM | Full package | GNG-1581 | 25 | 10 | 23 | 19 | 21.5 | 16.5 | 19.84 | 27400 | 99330 | 71930 | 3.62 | 22900 | 76230 | 53330 | 3.32 |
| Fieldpea | | | | | | | | | | | | | | | | | | |
| Lentil | | | | | | | | | | | | | | | | | | |
| Horsegram | | | | | | | | | | | | | | | | | | |

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

** BCR= GROSS RETURN/GROSS COST

FLD on Other crops

| Category & Crop | Thematic Area | Name of the technology | No. of Farmers | Area (ha) | Yield (q/ha) | | % Change in Yield | Other Parameters | | Economics of demonstration (Rs./ha) | | | | Economics of check (Rs./ha) | | | |
|-----------------|---------------|------------------------|----------------|-----------|--------------|-------|-------------------|------------------|-------|-------------------------------------|-------|-----|-----|-----------------------------|-------|-----|-----|
| | | | | | Demo | Check | | Demo | Check | Gross | Gross | Net | BCR | Gross | Gross | Net | BCR |

| | | | | High | Low | Average | | | | | Cost | Return | Return | (R/C) | Cost | Return | Return | (R/C) |
|------------------------------|-----|--------------|----------|------|-----|---------|-------|-------|-------|-------|-------|----------|---------|-------|-------|---------|--------|-------|
| Cereals | | | | | | | | | | | | | | | | | | |
| Paddy | | | | | | | | | | | | | | | | | | |
| Waterlogged Situation | | | | | | | | | | | | | | | | | | |
| Coarse Rice | | | | | | | | | | | | | | | | | | |
| Scented Rice | | | | | | | | | | | | | | | | | | |
| Wheat | | | | | | | | | | | | | | | | | | |
| Wheat TSP | ICM | Full package | Raj-4238 | 25 | 10 | 42 | 33 | 37 | 32 | 15.62 | 48300 | 111658.4 | 63358.4 | 2.31 | 47480 | 97434.4 | 49954 | 2.05 |
| Wheat Timely sown | | | | | | | | | | | | | | | | | | |
| Wheat Late Sown | | | | | | | | | | | | | | | | | | |
| Mandua | | | | | | | | | | | | | | | | | | |
| Barley | | | | | | | | | | | | | | | | | | |
| Maize(TSP) | ICM | Full package | JKMH-502 | 50 | 20 | 37.6 | 30.27 | 33.43 | 25.33 | 32.50 | 17500 | 55200 | 37700 | 3.15 | 16480 | 39450 | 22970 | 2.39 |
| Amaranth | | | | | | | | | | | | | | | | | | |
| Millets | | | | | | | | | | | | | | | | | | |
| Jowar | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|-------------------------|-----|-------------|----|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| Buffalo | | | | | | | | | | | | | | | | | | | |
| Buffalo Calf | | | | | | | | | | | | | | | | | | | |
| Dairy | | | | | | | | | | | | | | | | | | | |
| Poultry | TSP | Pratapdhan | 50 | 1000 | | | | | | | | | | | | | | | |
| Sheep & Goat | TSP | Sirohi buck | 9 | 9 | | | | | | | | | | | | | | | |
| Vaccination | | | | | | | | | | | | | | | | | | | |

* Economics to be worked out based total cost of production per unit area and not on critical inputs alone.
 ** BCR= GROSS RETURN/GROSS COST

FLD on Demonstration details on crop hybrids *(Details of Hybrid FLDs implemented during 2018-19)*

| Crop | technology demonstrated | Hybrid Variety | No. of Farmers | Area (ha) | Yield (q/ha) | | | | % Increase in yield | Economics of demonstration (Rs./ha) | | | |
|-----------------|-------------------------|----------------|----------------|-----------|--------------|------|---------|-------|---------------------|-------------------------------------|--------------|------------|-----------|
| | | | | | High | Demo | | Check | | Gross Cost | Gross Return | Net Return | BCR (R/C) |
| | | | | | | Low | Average | | | | | | |
| Oilseed crop | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Pulse crop | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Cereal crop | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Vegetable crop | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Fruit crop | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Other (specify) | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Note : Remove the Enterprises/crops which have not been shown

| | | | | | | | | | | |
|---|-----------|------------|------------|------------|------------|------------|------------|-------------|------------|-------------|
| Others (pl specify) | | | | | | | | | | |
| Total | 3 | 25 | 0 | 25 | 33 | 21 | 54 | 58 | 21 | 79 |
| VIII Fisheries | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Integrated fish farming | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Carp breeding and hatchery management | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Carp fry and fingerling rearing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Composite fish culture | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hatchery management and culture of freshwater prawn | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Breeding and culture of ornamental fishes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Portable plastic carp hatchery | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pen culture of fish and prawn | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shrimp farming | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Edible oyster farming | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pearl culture | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fish processing and value addition | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Others (pl specify) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| IX Production of Inputs at site | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Seed Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Planting material production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bio-agents production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bio-pesticides production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bio-fertilizer production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vermi-compost production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Organic manures production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Production of fry and fingerlings | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Production of Bee-colonies and wax sheets | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Small tools and implements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Production of livestock feed and fodder | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Production of Fish feed | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mushroom Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Apiculture | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Others (pl specify) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| X Capacity Building and Group Dynamics | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Leadership development | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Group dynamics | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Formation and Management of SHGs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mobilization of social capital | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Entrepreneurial development of farmers/youths | 1 | 4 | 0 | 4 | 0 | 21 | 21 | 4 | 21 | 25 |
| WTO and IPR issues | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Others (pl specify) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 1 | 4 | 0 | 4 | 0 | 21 | 21 | 4 | 21 | 25 |
| XI Agro-forestry | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Production technologies | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nursery management | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Integrated Farming Systems | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Others | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Krishi Kalyan Abhiyan | 1 | 24 | 0 | 24 | 25 | 0 | 25 | 49 | 0 | 49 |
| NFSM oilseed yojana | 1 | 30 | 0 | 30 | 0 | 0 | 0 | 30 | 0 | 30 |
| IFSM on rabi crops | 1 | 30 | 0 | 30 | 0 | 0 | 0 | 30 | 0 | 30 |
| Ek divsiy bhandaran vikash jagrukta karykram | 1 | 45 | 0 | 45 | 15 | 0 | 15 | 60 | 0 | 60 |
| Biofuel krashak prashikshan | 18 | 400 | 150 | 550 | 255 | 95 | 350 | 655 | 245 | 900 |
| Total | 22 | 529 | 150 | 679 | 295 | 95 | 390 | 824 | 245 | 1069 |
| GRAND TOTAL | 34 | 623 | 195 | 818 | 388 | 169 | 557 | 1011 | 364 | 1375 |

Farmers' Training including sponsored training programmes (off campus)

| Thematic area | No. of courses | Participants | | | | | | | | |
|------------------------------------|----------------|--------------|----------|----------|----------|----------|----------|-------------|----------|----------|
| | | Others | | | SC/ST | | | Grand Total | | |
| | | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| I Crop Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weed Management | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Resource Conservation Technologies | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cropping Systems | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Crop Diversification | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Integrated Farming | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | | | | |
|---|-----------|-------------|------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|
| X Capacity Building and Group Dynamics | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Leadership development | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Group dynamics | 1 | 8 | 12 | 20 | 5 | 5 | 10 | 13 | 17 | 30 |
| Formation and Management of SHGs | 1 | 15 | 10 | 25 | 0 | 0 | 0 | 15 | 10 | 25 |
| Mobilization of social capital | | | | | | | | | | |
| Entrepreneurial development of farmers/youths | 1 | 4 | 0 | 4 | 0 | 21 | 21 | 4 | 21 | 25 |
| WTO and IPR issues | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Others (pl specify) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | 3 | 27 | 22 | 49 | 5 | 26 | 31 | 32 | 48 | 80 |
| XI Agro-forestry | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Production technologies | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nursery management | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Integrated Farming Systems | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Others (pl specify) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Kisan Kalyan Karyshala | 4 | 92 | 33 | 125 | 159 | 24 | 183 | 251 | 57 | 308 |
| Krishi Kalyan Abhiyan | 27 | 490 | 395 | 855 | 768 | 740 | 1508 | 1258 | 1135 | 2393 |
| NFSM oilseed yojana | 1 | 30 | 0 | 30 | 0 | 0 | 0 | 30 | 0 | 30 |
| IFSM on rabi crops | 1 | 30 | 0 | 30 | 0 | 0 | 0 | 30 | 0 | 30 |
| Ek divsiy bhandaran vikash jagrukta karykram | 1 | 45 | 0 | 45 | 15 | 0 | 15 | 60 | 0 | 60 |
| Biofuel krashak prashikshan | 18 | 400 | 150 | 550 | 255 | 95 | 350 | 655 | 245 | 900 |
| Total | 52 | 1087 | 578 | 1635 | 1197 | 859 | 2056 | 2284 | 1437 | 3721 |
| GRAND TOTAL | 80 | 1337 | 753 | 2060 | 1397 | 976 | 2373 | 2734 | 1729 | 4463 |

Training for Rural Youths including sponsored training programmes (On campus)

| Area of training | No. of Courses | No. of Participants | | | | | | | | |
|---|----------------|---------------------|--------|-------|-------|--------|-------|-------------|--------|-------|
| | | General | | | SC/ST | | | Grand Total | | |
| | | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| Nursery Management of Horticulture crops | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Training and pruning of orchards | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Protected cultivation of vegetable crops | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Commercial fruit production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Integrated farming | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Seed production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Production of organic inputs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Planting material production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Vermi-culture | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mushroom Production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bee-keeping | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sericulture | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Repair and maintenance of farm machinery and implements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Value addition | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Small scale processing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Post Harvest Technology | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tailoring and Stitching | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rural Crafts | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Production of quality animal products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dairying | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sheep and goat rearing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Quail farming | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Piggery | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rabbit farming | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Poultry production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ornamental fisheries | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Composite fish culture | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Freshwater prawn culture | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shrimp farming | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pearl culture | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cold water fisheries | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fish harvest and processing technology | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fry and fingerling rearing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Any other (pl.specify) RAWE | 1 | 9 | 0 | 9 | 0 | 0 | 0 | 9 | 0 | 9 |

| | | | | | | | | | | |
|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Programme | | | | | | | | | | |
| TOTAL | 1 | 9 | 0 | 9 | 0 | 0 | 0 | 9 | 0 | 9 |

| | | | | | | | | | | |
|--|----------|----------|----------|----------|---|---|----------|----------|----------|----------|
| farm machinery and implements | | | | | | | | | | |
| Value addition | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Small scale processing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Post Harvest Technology | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tailoring and Stitching | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rural Crafts | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Production of quality animal products | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Dairying | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Sheep and goat rearing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Quail farming | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Piggery | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rabbit farming | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Poultry production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Ornamental fisheries | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Composite fish culture | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Freshwater prawn culture | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shrimp farming | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Pearl culture | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Cold water fisheries | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fish harvest and processing technology | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Fry and fingerling rearing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Any other (RAWE)) | 1 | 9 | 0 | 9 | | | 0 | 9 | 0 | 9 |
| TOTAL | 1 | 9 | 0 | 9 | | | 0 | 9 | 0 | 9 |

Details of trainings organized under ASCI

| Area of training | No. of Courses | No. of Participants | | | | | | | | |
|------------------|----------------|---------------------|--------|-------|-------|--------|-------|-------------|--------|-----------|
| | | General | | | SC/ST | | | Grand Total | | |
| | | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| Nursury worker | 25 | | | | | | | | | 20 |
| Vermi compost | 25 | | | | | | | | | 20 |
| TOTAL | 50 | | | | | | | | | 40 |

Training programmes for Extension Personnel including sponsored training programmes (on campus)

| Area of training | No. of Courses | No. of Participants | | | | | | | | |
|---|----------------|---------------------|----------|-----------|----------|----------|----------|-------------|----------|-----------|
| | | General | | | SC/ST | | | Grand Total | | |
| | | Male | Female | Total | Male | Female | Total | Male | Female | Total |
| Productivity enhancement in field crops | 1 | 30 | 0 | 30 | 0 | 0 | 0 | 30 | 0 | 30 |
| Integrated Pest Management | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Integrated Nutrient management | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rejuvenation of old orchards | 1 | 20 | 0 | 20 | 5 | 0 | 5 | 25 | 0 | 25 |
| Protected cultivation technology | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Production and use of organic inputs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Care and maintenance of farm machinery and implements | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gender mainstreaming through SHGs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Formation and Management of SHGs | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Women and Child care | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Low cost and nutrient efficient diet designing | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Group Dynamics and farmers organization | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Information networking among farmers | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Capacity building for ICT application | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Management in farm animals | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Livestock feed and fodder production | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Household food security | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Any other (pl.specify) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 2 | 50 | 0 | 50 | 5 | 0 | 5 | 55 | 0 | 55 |

Training programmes for Extension Personnel including sponsored training programmes (off campus)

| Area of training | No. of Courses | No. of Participants | | | | | | | | |
|------------------|----------------|---------------------|--------|-------|-------|--------|-------|-------------|--------|-------|
| | | General | | | SC/ST | | | Grand Total | | |
| | | Male | Female | Total | Male | Female | Total | Male | Female | Total |

| | | | | | | | |
|-------------------------------------|-----------|----------|----------|----------|----------|----------|-----------|
| Total farmers Benefitted | 80 | 0 | 0 | 0 | 0 | 0 | 80 |
|-------------------------------------|-----------|----------|----------|----------|----------|----------|-----------|

V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

| Number of KVKs organised Technology Week | Types of Activities | No. of Activities | Number of Participants | Related crop/livestock technology |
|--|---|-------------------|------------------------|-----------------------------------|
| | Gosthies | 4 | 110 | |
| | Lectures organized | 183 | 2056 | |
| | Exhibition | 1 | 200 | |
| | Film show | | | |
| | Fair | 1 | | |
| | Farm Visit | 43 | 452 | |
| | Diagnostic Practicals | | | |
| | Distribution of Literature (No.) | | | |
| | Distribution of Seed (q) | | | |
| | Distribution of Planting materials (No.) | | | |
| | Bio Product distribution (Kg) | | | |
| | Bio Fertilizers (q) | | | |
| | Distribution of fingerlings | | | |
| | Distribution of Livestock specimen (No.) | | | |
| | Total number of farmers visited the technology week | | | |

VI. PRODUCTION OF SEED/PLANTING MATERIAL AND BIO-PRODUCTS

Production of seeds by the KVKs

| Crop | Name of the crop | Name of the variety | Name of the hybrid | Quantity of seed (q) | Value (Rs) | Number of farmers |
|-------------------|------------------|----------------------|--------------------|----------------------|------------|-------------------|
| Cereals | | | | | | |
| | | | | | | |
| | | | | | | |
| Oilseeds | | | | | | |
| | | | | | | |
| | | | | | | |
| Pulses | Chickpea | RSG-974 | | 15.43 | | |
| | Greengram | IPM-02-03 MPH-421 | | 2.69 | | |
| | | | | | | |
| Commercial crops | | | | | | |
| | | | | | | |
| | | | | | | |
| Vegetables | | | | | | |
| | | | | | | |
| | | | | | | |
| Flower crops | | | | | | |
| | | | | | | |
| | | | | | | |
| Spices | Cumin | GC-4 | | 2.55 | | |
| | | | | | | |
| | | | | | | |
| Fodder crop seeds | | | | | | |
| | | | | | | |
| | | | | | | |
| Fiber crops | | | | | | |
| | | | | | | |
| | | | | | | |
| Forest Species | | | | | | |
| | | | | | | |

| | | | | | | |
|--------------|--|--|--|--|--|--|
| | | | | | | |
| Others | | | | | | |
| | | | | | | |
| Total | | | | | | |

Production of planting materials by the KVKs

| Crop | Name of the crop | Name of the variety | Name of the hybrid | Number | Value (Rs.) | Number of farmers |
|------------------------|-------------------------|----------------------------|---------------------------|---------------|--------------------|--------------------------|
| Commercial | | | | | | |
| | | | | | | |
| Vegetable seedlings | | | | | | |
| | | | | | | |
| Fruits | Papaya | Red lady-786 | | 39063 | 585945 | |
| | Lime | Barahmasi | - | 1409 | 28180 | |
| Ornamental plants | | | | | | |
| | | | | | | |
| Medicinal and Aromatic | | | | | | |
| | | | | | | |
| Plantation | | | | | | |
| | | | | | | |
| Spices | | | | | | |
| | | | | | | |
| Tuber | | | | | | |
| | | | | | | |
| Fodder crop saplings | | | | | | |
| | | | | | | |
| Forest Species | | | | | | |
| | | | | | | |
| Others | | | | | | |
| | | | | | | |
| Total | | | | | | |

Production of Bio-Products

| Bio Products | Name of the bio-product | Quantity | Value (Rs.) | No. of Farmers |
|---------------------|--------------------------------|-----------------|--------------------|-----------------------|
| | | Kg | | |
| Bio Fertilisers | | | | |
| | | | | |
| Bio-pesticide | | | | |
| | | | | |
| Bio-fungicide | | | | |
| | | | | |
| Bio Agents | | | | |
| | | | | |
| Others | | | | |
| | | | | |
| Total | | | | |

Table: Production of livestock materials

| Particulars of Live stock | Name of the breed | Number | Value (Rs.) | No. of Farmers |
|----------------------------------|--------------------------|---------------|--------------------|-----------------------|
| Dairy animals | | | | |
| Cows | | | | |
| Buffaloes | | | | |
| Calves | | | | |
| Others (Pl. specify) | | | | |
| Goat (Buck) | Sirohi | 17 | 136000 | |
| Poultry | Pratapdhan | 9 | | |
| Broilers | | | | |
| Layers | | | | |
| Duals (broiler and layer) | | | | |
| Japanese Quail | | | | |
| Turkey | | | | |
| Emu | | | | |
| Ducks | | | | |
| Others (Pl. specify) | | | | |
| | | | | |
| Piggery | | | | |
| Piglet | | | | |
| Others (Pl. specify) | | | | |
| Fisheries | | | | |
| Indian carp | | | | |
| Exotic carp | | | | |
| Others (Pl. specify) | | | | |
| | | | | |
| Total | | | | |

VII. DETAILS OF SOIL, WATER AND PLANT ANALYSIS

| Samples | No. of Samples | No. of Farmers | No. of Villages | Amount realized (Rs.) | No. of soil health cards distributed |
|---------------------|----------------|----------------|-----------------|-----------------------|--------------------------------------|
| Soil | | | | | |
| Water | | | | | |
| Plant | | | | | |
| Manure | | | | | |
| Others (pl.specify) | | | | | |
| | | | | | |
| Total | | | | | |

VIII. SCIENTIFIC ADVISORY COMMITTEE

| Name of KVK | Date of SAC Meeting | Participants |
|-------------|---------------------|--------------|
| KVK, Sirohi | 4.1.2019 | 28 |

IX. NEWSLETTER/MAGAZINE

| Name of News letter/Magazine | No. of Copies printed for distribution |
|------------------------------|--|
| | |
| | |

X. PUBLICATIONS

| Category | Number |
|---------------------|--------|
| Research Paper | 2 |
| Technical bulletins | 2 |
| Technical reports | 2 |
| Others (Folders) | 19 |

XI. DETAILS ON RAIN WATER HARVESTING STRUCTURE AND MICRO-IRRIGATION SYSTEM

| Activities conducted | | | | |
|----------------------------|------------------------|---------------------------------|------------------------|--------------------------|
| No. of Training programmes | No. of Demonstration s | No. of plant materials produced | Visit by farmers (No.) | Visit by officials (No.) |
| | | | | |
| | | | | |

| | | | | | | | | | | | | |
|--------------|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | |
| Total | | | | | | | | | | | | |

XIII. DETAILS ON HRD ACTIVITIES

A. HRD activities organized in identified areas for KVK staff by the Directorate of Extension

| Name of the SAU | Title of the training programmes | No of programmes | No. of Participants | No. of KVKs involved |
|-----------------|----------------------------------|------------------|---------------------|----------------------|
| Total | | | | |

B. HRD activities organized in identified areas for KVK staff by ATARI

| Title of the training programmes | No of programmes | No. of Participants | No. of KVKs involved |
|----------------------------------|------------------|---------------------|----------------------|
| Oilseed (NFSM) | 1 | 1 | |
| Pulses(NFSM) | 1 | 1 | |
| Total | 2 | 2 | |

XIV. CASE STUDIES (CASE STUDIES MAY BE GIVEN IN DETAIL AS PER THE FOLLOWING FORMAT)

Each Zone should propose a minimum of three case studies with good action photographs (with captions on the backside of the hard copy of the photos) on the following topics

- Effective popularization on a larger scale of any one FLD technology and its role in transformation of district agriculture with respect to that particular crop or enterprise*
 - Performance of the end results of any one technology assessed and its impact in district agriculture with respect to that crop or enterprise*
 - Effect of production and supply of seeds and planting material / animal breed / or bio-product and its impact on district agriculture with respect to that crop/ enterprise/ bio-product*
- The general format for preparing the above case studies are furnished below*

Name of the KVK Sirohi

TITLE : New variety of castor of GCH-8

Introduction

Sh. Pukhraj Kumhar, village: Arathwara, Tahsil: Sheoganj, District: Sirohi. He is graduate and his family members were primary educated. He is cultivating of castor since long time. He has a 20.0 ha. own land. In the cultivation of castor crop affected by wilt disease and by male flowers problem. Sh. Pukhraj Kumhar is very progressive farmer about new cultivation as well adoption of new technology. In the year 2017-18 sh. Pukhraj ji came to KVK and gave the advice by KVK. Scientist motivated him to grow of new variety of castor i.e. GCH-8. All the features of the variety was discuss especially this variety resistant to wilt of castor. The disease of wilt is very common in the area, it is very big problem for castor growers in the area. Sh. Pukhraj ji was agree to grow the new seed of castor i.e. GCH-8. KVK was provided the seed 2.0 kg of castor variety under the FLD allotment in only 0.4 ha.

KVK intervention: Introduce GCH-8 variety of castor.

Output : Now a day many farmers of the area wanted to grow GCH-8.

Outcome: The farmers are very glad to spread the castor variety of GCH-8 in the district as well as the growers of castor are minimize the wilt problem and this variety has less male flowers, Higher no. of capsules, more no. of seed per capsules and more no. of branches.

Impact: The socio-economic status of the farmers are improved by the resistant variety as well, as high yielding of castor. The increase the average yield of the district as well as nation and very good source to earn foreign money.

IQyrk dh dgkuh

iihrs dh [ksrh es feyh [kq'kgkyhA

fdlku dk uke&;ksxsanz flag firk dk uke&xkso/kZu flag xkao&ihFkqiqjk iapk;r lfefr&jsonj] ftyk&flijksgh eksckbZy u-&9929695672

;ksxsanz flag iq= xkso/kZu flag tks ihFkqiqjk xkso ds fuoklh gS ;g fiNys dbZ o"kkSza ls xsgwa o vjaMh dh [ksrh djrs vk jgs Fks budh [ksrh ls bUgsa cgqr de vkenuh izklr gks jgh FkhA bUgksaus d`f"k foKku dsUnz] flijksgh ij laidZ f;dk dsUnz ds oSKkfud dh lykg ij 1 gsDVj {ks= esa iihrs ds ikS/ks yxkdj 'kq;vkr dh o le; le; ij d`f"k foKku dsUnz esa py jgs izf'k{k.kksa esa Hkkx fy;k o ubZ rduhdksa dk sviuk;k ftlesa Qlyksa es cwUn&cwUn flapkbZ +i)fr dk iz;ksx djuk iihrs dh Qly esa vkus okyh jksx o dhVksa dk 'kq;vkr ls gh izca/ku djuk vkSj oSKkfudksa dh lykg ij 3 fdyksxzke V^akbdksMekZ dks 100 fdyks xkscj dh [kkn esa feyk dj izfr gsDVj [kr esa cqokbZ ls igys iz;ksx djuk rFkk iihrs esa i.kZdqapu jksx ds fy, MkbefksV 30 bZ-lh- 1 feyh@yhVj ikuh esa ?kksy cukdj fNM+dko djuk vkfn dk;Z oSKkfudksa dh lykg ij fd;sA fdlku ;ksxsUnz flag }kjk iihrs dh [ksrh esa oSKkfudksa dh lykg o rduhd dk iz;ksx djus ij fdlku dks izfr ikS/kk 50&60 fdyks Qy izFke Qly ls izklr gqvk ftlls fdlku us 'kq) 6 yk[k #i;s vftZr fd;s ,oa fdlku dh vkfFkZd fLFkfr esa lq/kkj gqvk vkSj fdlku ds }kjk vc vius [ksr ij oehZdEikslV ;wfuV dh LFkkiuk dj oehZdEikslV mi;ksx esa ysuk vkSj [ksr ij lkysj iai yxokdj d`"kd ;ksxsUnz flag mi;ksx esa ys jgs gSaA LFkkuh; fdlku izsfjr gksdj vkSj iihrs dh [ksrh dh vkenuh ns[kdj] vkt bl {ks= es iihrs dh [ksrh dk dkQh {ks= c<+k gS vkSj fdlkuksa dks bls [kq'kgkyh izklr gks jgh gSA

VekVj dh [ksrh ls ekykeky

fdlku dk uke&Nxuyky firk dk uke& Hkh[kkjke xkao dk uke&djksVh] iapk;r lfefr&jsonj] ftyk flijksgh eksckbZy u-&9649028433

djksVh xkao ds Nxuyky iq= Hkh[kkjke th ekyh VekVj dh [ksrh djrs gSaA [ksrh dh vk/kqfue rduhdksa ls voxr ugha gksus ds dkj. bUgs cgqr leL;kvksa dk lkeuk djuk iM+kA Nxuyky th us tc VekVj dh [ksrh izkjEHk dh rc lkekU; flapkbZ i)fr dk bLrseky fd;k ftlls muds [ksr es atxg&txg ikuh Hkj tkrk rFkk ty Hkjko dh leL;k mRiU gks x;h bls ikuh dk nq:l;ksx gqvk vkSj etnwjh ij [kpZ c<+ x;kA lFk gh xkscj dh [kn dk fcuk lMs gh [ksr esa iz;ksx djus ls nhedk izdksi Hkh c<+us yxk bl izdkj dbZ leL;kvks ds ,d LkkFk vk tkus ij mUgsa fo'ks"kk dh lykg dh t:jr eglql gqbZ mUgksaus vius lFkh fdlkuksa ls laidZ fd;k rFkk d`f"k foKku dsUnz ds fo'ks"kkksa ls laidZ dj dsUnz ds xfrfof/k;ks esa 'kkfey gkus yxs d`f"k foKku dsUnz ds fo'ks"kkksa dh lykg ij xksj djus ij mUgksaus vius [ksrh ds rjhds cnys mUgksaus lkekU; flapkbZ dh txg fM^ai flapkbZ dh O;oLFkk dh vkSj VekVj dh VsfyQksu fof/k ls [ksrh dhA Qlyksa dks nhed ls cpkus ds fy, DyksjksihjksQkWI 20 bZ-lh- 4 yhVj@ gsDVsj ds fglk ls iz;ksx fd;k vxsrh vaxekjh ds fy, DyksjksFkkyksfuy 2 xzke@yhVj dk iz;ksx fd;k bl izdkj VekVj dh [ksrh dh mUUr rduhdksa o ikS/kk laj{k.k ds ckjs esa oSKkfudks sls lykg ys dj viuh leL;vksa dk lek/kku fd;k vkSj mRiknu esa c<+ksrjh dh bUgksaus vius 2-5 gsDVj tehu ls 18 yk[k ds VekVj dk mRiknu fd;kA mudh blh uohure lksp ls muds lFkh fdlku izsfjr gq, rFkk bUgksaus Hkh VekVj mRiknu esa u;h rduhdks dks viuk;k o d`f"k foKku dsUnz vkdj le; le; ij lykg yh Nxuykyth dks VekVj dh [ksrh esa vfoLej.kh; ;ksxnku gsrq lEekfur fd;k x;kA bldks ns[kdj jsonj {ks= ds cgqr lkjs fdlku VekVj dh VsfyQksu fof/k o flapkbZ ds fy, cwUn*&cwUn flapkbZ viukdj [ksrh djus yxs vkSj VekVj dh [ksrh ls {ks= ds dbZ fdlku ekykeky gq,

XIII. STATUS REVOLVING FUNDS

| Year | Opening balance as on 1 st April | Income during the year | Expenditure during the year | Net balance in hand as on 1 st April of each year |
|--------------------------|--|------------------------------|--------------------------------|--|
| April 2016 to March 2017 | 428942.11 | 1563331 | 1206847 | 785426.87 |
| April 2017 to March 2018 | 785426.87 | 1049414 | 552340 | 1282500.87 |
| April 2018 to March 2019 | 1282500.87 | 1495575 | 1192945 | 1585040 |

The KVKs implementing VATICA, NARI & Doubling Farmers income should submit one page report with salient achievements along with photographs pertaining to year 2018-19.

Note :

Themes of livestock FLDs and OFTs for Annual Progress Report 2018-19

The FLDs and OFTs under livestock may be classified as per themes given below for APR

| SN | Theme | Different aspects to be covered |
|----|-------------------------------|---|
| 01 | Animal Breeding Management | Evaluation or introduction of any livestock breed i.e. cattle, buffalo, sheep, goat, poultry etc. Improvement in fertility, reproductive traits i.e. Age at first calving, service period and calving interval etc |
| 02 | Animal Nutrition Management | Feed and fodder trials including feed additives, bypass fat and protein, colostrum feeding, mineral mixture, chelated mineral mixture, azolla, microbial feeds (probiotics etc), urea treated straws and UMMB or feed supplements etc |
| 03 | Animal Production Management | Type of housing provided, manger or water trough etc to the livestock for improving animal comfort and measures followed for clean milk production etc |
| 04 | Health and Disease Management | Deworming of all categories of livestock for control of endo-worms and ecto-parasites, vaccination and to reduce the calf mortality, mastitis incidence in livestock etc |
| 05 | Others, if any | Any other aspect which is not covered under above 4 themes mentioned can be put in this category. |