

PROFORMA FOR PREPARATION OF ANNUAL REPORT (April-2018-March-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 | 43 | 1175 | 309 | 1484 |
| Rural youths | 0 | 0 | 0 | 0 |
| Extension functionaries | 4 | 76 | 16 | 92 |
| Sponsored Training | 7 | 220 | 49 | 269 |
| Vocational Training | 0 | 0 | 0 | 0 |
| Total | 54 | 1471 | 374 | 1845 |

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

| Enterprise | No. of Farmers | Area (ha) | Units/Animals |
|-----------------------|----------------|--------------|---------------|
| Oilseeds | 494 | 114.8 | |
| Pulses | 469 | 110 | |
| Cereals | 120 | 25 | |
| Vegetables | 566 | 69 | |
| Other crops | 5 | 1 | |
| Hybrid crops | 152 | 40 | |
| Total | 1806 | 359.8 | |
| Livestock & Fisheries | 0 | 0 | |
| Other enterprises | 0 | 0 | |
| Total | 0 | 0 | |
| Grand Total | 1806 | 359.8 | |

3. Technology Assessment

| Category | No. of Technology Assessed | No. of Trials | No. of Farmers |
|----------------------------|----------------------------|---------------|----------------|
| Technology Assessed | | | |
| Crops | 4 | 42 | 42 |
| Livestock | 1 | 6 | 6 |
| Various enterprises | | | |
| Total | 5 | 48 | 48 |
| Grand Total | 5 | 48 | 48 |

4. Extension Programmes

| Category | No. of Programmes | Total Participants |
|----------------------------|-------------------|--------------------|
| Extension activities | 210 | 24437 |
| Other extension activities | 6 | 733 |
| Total | 216 | 25170 |

Mobile Advisory Services

| Name of KVK | Message Type | Type of Messages | | | | | | Total |
|-------------|---------------------------------|------------------|-----------|---------|-----------|-----------|-------------------|-------|
| | | Crop | Livestock | Weather | Marketing | Awareness | Other enterprises | |
| DUNGARPUR | Text only | 26 | 5 | 1 | 0 | 37 | 4 | 73 |
| | Voice only | | | | | | | |
| | Voice & Text both | | | | | | | |
| | Total Messages | 26 | 5 | 1 | 0 | 37 | 4 | 73 |
| | Total farmers Benefitted | 154 | 27 | 86 | 0 | 189 | 91 | 547 |

5. Seed & Planting Material Production

| | Quintal/Number | Value Rs. |
|----------------------------|----------------|-----------|
| Seed (q) | 120.53 | 691137 |
| Planting material (No.) | 51012 | 226417 |
| Bio-Products (kg) | 1247 | 33968 |
| Livestock Production (No.) | 67 | 415726 |
| Fishery production (No.) | 0 | 0 |

6. Soil, water & plant Analysis

| Samples | No. of Beneficiaries | Value Rs. |
|--------------|----------------------|--------------|
| Soil | 604 | 15100 |
| Water | | |
| Plant | | |
| Total | 604 | 15100 |

7. HRD and Publications

| Sr. No. | Category | Number |
|---------|-----------------------------|--------|
| 1 | Workshops | 5 |
| 2 | Conferences | 12 |
| 3 | Meetings | 8 |
| 4 | Trainings for KVK officials | 7 |
| 5 | Visits of KVK officials | 15 |
| 6 | Book published | |
| 7 | Training Manual | |
| 8 | Book chapters | |
| 9 | Research papers | 3 |
| 10 | Lead papers | 1 |
| 11 | Seminar papers | 2 |
| 12 | Extension folder | 2 |
| 13 | Proceedings | |
| 14 | Award & recognition | |
| 15 | Ongoing research projects | |

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 |
|--|---------------------|------------------|-----------------------|
| Krishi Vigyan Kendra, Faloj, Dungarpur | Office 02964-265748 | FAX 02964-265748 | pcdungarpur@gmail.com |

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

| Address | Telephone | | E mail |
|--|--------------|--------------|-----------------------|
| | Office | FAX | |
| Directorate of Extension Education, MPUAT, Udaipur | 0294-2417697 | 0294-2412515 | deempuatudr@gmail.com |

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

| Name | Telephone / Contact | | |
|-----------------|---------------------|------------|------------------|
| | Residence | Mobile | Email |
| Dr. C. M. Balai | | 9414518876 | cmpuat@gmail.com |

1.4. Year of sanction:

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

| Sl. No | Sanctioned post | Name of the incumbent | Designation | Discipline | Pay Scale (Rs.) | Present basic (Rs.) | Date of joining | Permanent /Temporary | Category (SC/ST/OBC/Others) | Mobile no. | Age | Email id |
|--------|---------------------------|-----------------------|-------------------------|-----------------------|-----------------|---------------------|-----------------|----------------------|-----------------------------|------------|-----|-------------------------|
| 1 | Programme Coordinator | Dr. C. M. Balai | Senior Scientist & Head | Soil Science | 37400-67000 | 49240/- | | Permanent | SC | 9414518876 | | cmpuat@gmail.com |
| 2 | Subject Matter Specialist | Dr. B. L. Roat | SMS (Plant Protection) | SMS (Plant Pathology) | 15600-39100 | 36040/- | 15.03.2005 | Permanent | ST | 9414723019 | | blroat4a4@gmail.com |
| 3 | Subject Matter Specialist | Dr. M. L. Choudhary | SMS (Horticulture) | SMS (Horticulture) | 15600-39100 | 27170/- | 16.06.2016 | Permanent | OBC | 9461245870 | | mlchoudhary75@gmail.com |
| 4 | Subject Matter Specialist | - | SMS (Agronomy) | SMS (Agronomy) | Vacant | - | - | - | - | | | |
| 5 | Subject Matter Specialist | - | SMS (Animal Science) | SMS (Animal Science) | Vacant | - | - | - | - | | | |
| 6 | Subject Matter Specialist | - | SMS (Home Science) | SMS (Home Science) | Vacant | - | - | - | - | | | |

| | | | | | | | | | | | | |
|----|-----------------------------|--------------------|-----------------|-----------------|--------|---------|------------|---------------|------|------------|--|-------------------------|
| 7 | Subject Matter Specialist | - | SMS (Ext. Edu.) | SMS (Ext. Edu.) | Vacant | - | - | - | - | - | | |
| 8 | Farm Manager | Sh. N. L. Ahari | Prog. Assistant | (Ag.) | L-14 | 87400/- | 04.05.1991 | Permanen t | ST | 9414723120 | | |
| 9 | Computer Programmer | - | Prog. Assistant | - | Vacant | - | - | - | - | - | | |
| 10 | Programme Assistant | Sh. K. C. Kharadi | Prog. Assistant | (Ag.) | L-11 | 40100/- | | Permanen t | ST | 9636383424 | | kharadikc1987@gmail.com |
| 11 | Accountant / Superintendent | - | S.O. | - | Vacant | - | | - | - | - | | |
| 12 | Stenographer | - | LDC | - | Vacant | - | | - | - | - | | |
| 13 | Driver | Sh. Tulsi Ram Dave | Driver | - | L-11 | 64400/- | 25.02.1982 | Permanen t | Gen. | 7465316690 | | |
| 14 | Driver | - | Driver | - | Vacant | - | | - | - | - | | |
| 15 | Supporting staff | Sh. Jawara | Peon | - | L-4 | 33700/- | 01.08.1992 | Permanen t | ST | - | | |
| 16 | Supporting staff | Sh. Jeeva Ram | Peon | - | L-3 | 33000/- | 24.07.1992 | Permanen t | ST | - | | |

1.6. Total land with KVK (in ha) :

| S. No. | Item | Area (ha) |
|--------|---|--------------|
| 1 | Under Buildings | 0.80 |
| 2. | Under Demonstration Units | 1.50 |
| 3. | Under Crops | 8.00 |
| 4. | Orchard/Agro-forestry | 5.50 |
| 5. | Others (specify)- I. Uncultivated/grassland | 5.56 |
| | II. Farm Pond | 0.24 |
| | Total | 21.80 |

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 | | | | | | | |

| | | | | | | | | |
|----|------------------------------|------|------------|--|---------|------------|----------|----------------|
| 2. | Farmers Hostel | - | | | | | | |
| 3. | Staff Quarters (6) | ICAR | | | | | | |
| 4. | Demonstration Units (2) | | | | | | | |
| | STL | ICAR | 12.10.2006 | | 1084834 | | | |
| | Gardener Room | RSVY | 01.09.2006 | | 134847 | | | |
| | Sunken Beds | RSVY | 25.02.2007 | | 56003 | | | |
| | Roof Water Harvesting | RSVY | 11.12.2006 | | 99450 | | | Not functional |
| 5 | Rain Water harvesting system | ICAR | 03.01.2007 | | 763751 | 13.04.2007 | 60X40X3M | Not functional |
| 6 | Threshing floor | ICAR | | | 99900 | | | |
| 7 | Farm godown | ICAR | 2006 | | | | | |

B) Vehicles

| Type of vehicle | Year of purchase | Cost (Rs.) | Total kms. Run | Present status |
|-----------------|------------------|------------|----------------|---|
| Jeep | 2009 | 358059.00 | 405448 | Not in good condition, Need replacement |
| Bolero | 2018 | | | |
| Tractor | | | | |
| Tractor | 2016 | | | |
| Motorcycle | | | | |
| Motorcycle | | | | |

C) Equipments & AV aids

| Name of the equipment | Year of purchase | Cost (Rs.) | Present status |
|-----------------------|------------------|------------|---|
| Video Conferencing | 2007 | 43680.00 | In Working condition |
| LCD Projector-1 | 2005 | 82620.00 | In Working condition |
| LCD Projector-2 | 2007 | 98138.00 | In Working condition |
| Scan Jet Computer | 2005 | 4495.00 | In Working condition |
| Computer-1 | 2003 | 53704.00 | Not in good condition, Need replacement |
| Computer-2 | 2007 | 37500.00 | Not in good condition, Need replacement |
| Computer-3 | 2006 | 29500.00 | Not in good condition, Need replacement |
| Computer-4 | 2011 | 39596.00 | Not in good condition, Need replacement |
| Computer-5 | 2011 | 39596.00 | Not in good condition, Need replacement |
| Computer- 6 | 2017 | 60200.00 | In Working condition |
| Computer- 7 | 2017 | 60200.00 | In Working condition |
| Computer- 8 | 2017 | 60200.00 | In Working condition |
| Podium | 2017 | 163000.00 | In Working condition |

| | | | |
|-----------------------------|------|-----------|---|
| HP lesser Jet | 2007 | 6443.00 | In Working condition |
| Lesser printer | 2006 | 17999.00 | In Working condition |
| printer | 2011 | 5710.00 | In Working condition |
| printer | 2011 | 5710.00 | In Working condition |
| Camera Sony Cyber | 2006 | 16990.00 | Not in good condition, Need replacement |
| Camera Sony PVP (handy cam) | 2007 | 26862.00 | In Working condition |
| Photocopier Machine | 2007 | 69077.00 | Not in good condition, Need replacement |
| Photocopier Machine | 2017 | 121490.00 | In Working condition |
| FAX Machine | 2007 | 7173.00 | In Working condition |
| Generator | 2009 | 50,348.00 | In Working condition |
| Camera (Sony) | 2009 | 20,800.0 | In Working condition |
| Fax Machine | 2009 | 14,327.00 | In Working condition |
| PA System | 2011 | | In Working condition |
| EPABX System | 2011 | 43111.00 | In Working condition |

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

| Ø- I- | uke o vf/kdkjh | lq>ko | fØ;kUo;u |
|------------------|--|---|---|
| 1- | MkW- Lusgyrk ekgs'ojh] funs'kd] izlkj f'k{k funs'kky;] eizd`izkSfo] mn;iqj | 1- Mwaxjiqj ftyk tSfod ?kksf"kr gksus ls dsUnz ds izn'kZu cht mipkj ls ysdj mRiknu rd tSfod dYpj dke esa fy;k tkos A | dsUnz }kjk d`"kdksa ds [ksr vk;ksftr izFke iafDr izn'kZuksa esa cht mipkj esa tSo moZjd tSlS jktkSfc;e] ,tkSVkscDVj o ih- ,l- ch- o ikS/k laj{k.k gsrq V ^a kbZdksMekZ ck;ksisfLVlkbM dk mi;ksx djkdj d`"kdksa dks izsfjr fd;k x;kA |
| | | 2- QkeZ ij ØkWi dsQsVsfj;k rS;kj fd;k tk;sA | ds-oh-ds- QkeZ ij puk o tkS dk dsQsVsfj;k rS;kj fd;k x;kA |
| | | 3- eNyh ikyu ij d`"kdksa dks izf'k{k.k fn;k tkosA | d`"kdksa dks eNyhiky u ij izf'k{k.k gsrq eRL; ikyu foHkkx ls IEidZ dj bl o"kZ izf'k{k.k vk;ksftr fd;k tk;sxA |
| | | 4- efgyk d`"kdksa gsrq [kkn~; izlaLdj.k ij O;olkf;d izf'k{k.k | fo"k; fo'ks"kk ¼x`g foKku½ dk in fjDr gksus ls efgyk d`"kdksa gsrq [kkn~; izlaLdj.k ij O;olkf;d izf'k{k.k |

| | | | |
|----|---|--|--|
| | | vk;ksftr fd;s tkosA | vk;ksftr ugh fd;k tk ldkA |
| | | 5- d`f"k esa e'khuhdj.k dks c<kok fn;k tk; ,oa d`f"k ;a=ksa izn'kZu ij izf'k{k.k vk;ksftr fd;s tkosA | dsUnz }kjk vk;ksftr d`"kd izf'k{k.k} fdlku xks"Bh o ds-oh-ds- QkeZ ij d`"kd Hkze.k ij d`"kksa dks d`f"k esa e'khuhdj.k dks c<+kok nsus gsrq izf'kf{kr o izsfjr fd;k tk jgk gSA |
| | | 6- ftys ds lQyre d`"kd dh dgkuh dks jkT; Lrj ij lapkj ds lHkh ek;/eksa }kjk izpkfjr fd;k tk;sA | Jhefr 'kkUrK iVsy uokpkjh d`"kd efgyk dh dgkuh dks jk"V ^{ah} ; Lrj ij lapkj ds lKfk jktLFkku if=dk o Mh-Mh- fdlku bR;kfn ek;/eksa ls izpkfjr fd;k x;kA |
| | | 7- ds-oh-ds- dh xfrfof/k;ka ds VhdKÅiu gsrq d`f"k] i'kqiky u o m ku foHkkx ds ek;/e ls Qksyskvi fd;k tk;sA | le; le; ij d`f"k o m ku foHkkx }kjk vk;ksftr d`"kd izf'k{k.kksa o xksf"B;ksa esa ds-oh-ds- dh xfrfof/k;ksa dk Qksyskvi fd;k tk jgk gSA |
| 2- | MkW- ih- ih- jksfgYyk] iz/kku oSKkfud] vVkj] tks/kiqj | 1- iwoZ esa xksn fy;s xkaoksa dh bEisDV LVMh ,oa u;s p;fur xkaoksa dh cSap ekdZ losZ djok;k tk;sA | iwoZ esa xksn fy;s xkaoksa dh bEisDV LVMh ,oa u;s p;fur xkaoksa dh cSap ekdZ losZ fd;k x;kA |
| | | 2- dsohds dh lQyre dgkfu;ksa dksdsoh ds iksVZy o osc lkbZV ij viyksM fd;k tk;sA | dsohds dh lQyre dgkfu;ksa dks ds oh ds osc lkbZV ij viyksM fd;k tk jgk gSA |
| | | 3-dsohds esa Revolving Fund dks flQZ dsohds ds fodkl dk;Z ds fy, gh [kpZ fd;k tk;sA | o"kZ 2018&19 esa ds- oh- ds esa fjoksfYoax QUM dks flQZ ds- oh- ds- fodkl dk;Z ds fy, gh [kpZ fd;k tk jgk gSA |
| 3- | MkW- ts- ,y- pkS/kjh] | 1- p;fur xkaoksa esa o"kkZ iwoZ o ckn esa i'kq LokLF; f'kfoj | ds- oh- ds- vaxhd`r xkao lRrq esa ,d i'kq LokLF; f'kfoj dk vk;kstu fd;k x;kA |

| | | | |
|----|--|---|---|
| | foHkkxk/;{k] i'kq/ku mRiknu foHkkx] vkj]h,] mn;iqj | vko';d :i ls vk;ksftr fd;k tk;sA 2- p;fur d`"kdks ds [ksrkxa ij gjs pkjs ds izn'kZu yxok;s tk;sA | p;fur d`"kdks ds [ksrkxa ij 1-0 gSDVj {kS=Qy esa fjtdk fdLe Vh- ,l-&9 ds izn'kZu yxk;s x;sA |
| | | 3-i'kqvksa esa buQfVZfyVh fuokj.k gsrq dsEi vk;ksftr fd;k tk;sA 4-Ms;jh i'kqvksa esa larqfyr vkgkj ij izf'k{k.k vk;ksftr fd;k tk;s A | nq/kk: i'kqvksa esa buQfVZfyVh fuokj.k gsrq dsEi dk vk;kstu p;fur xkao esa fd;k x;kA Ms;jh i'kqvksa esa larqfyr vkgkj ij laLFkkxr d`"kd izf'k{k.k dk vk;kstu fd;k x;kA |
| 4- | MkW- eukst egyK foHkkxk/;{k] dhV foKku foHkkx] vkj]h,] mn;iqj | 1- dsohds }kjk vk;ksftr izn'kZuksa esa tSfod mRiknksa dk mi;ksx fd;k tk;sA 2 d`"kdksa dks oehZok'k dh mi;ksfxrk] egRo ds ckjs esa izf'k{k.k o izn'kZu ds ek;/e ls crk;k tk;sA | dsohds }kjk vk;ksftr izn'kZuksa esa tSfod mRiknksa dk mi;ksx fd;k tk jgk gSA d`"kdksa dks izf'k{k.kksa ds ek;/e ls oehZok'k dh mi;ksfxrk o egRo ds ckjs esa crk;k tk jgk gSA |
| 5- | Jh 'kkafr yky Mkeksj] ihMh] vkRek] Mwaxjiqj | 1- ftys ds d`"kdksa dks dVgy ds ikS/ks miyC/k djok;k tk;sA 2-d`f"ok okfudh dks c<kok fn;k tk;sA 3-vtkSyk dh dsl LVMh dh tk;sA | ftys ds tutkfr d`"kdksa dks Vh- ,l- ih- en ls 500 dVgy ds ikS/ks miyC/k djok;s x;s gSA ds- oh- ds- }kjk vk;ksftr o d`f"ok foHkkx }kjk izk;ksftr d`"kd izf'k{k.kksa esa d`f"ok okfudh dks c<+kok nsus gsrq izfjr fd;k x;kA vtksyk ls Ms;jh i'kqvksa ds iqjd vkgkj ij ,oa /kku ds [ksr esa ukbV ^a kstu LFkjhdj.k ij dsl LVMh rS;kj dh tk jgh gSA |

| | | | |
|----|---|--|---|
| | | 4- d`"kdksa dks xq.koRrk ;qDr Qynkj ikS/ks o lfCt;ks dh ikS/k miyC/k djok;h tk;SA | dsUnz ds izf'k{k.kkaRed QkeZ ij ulZjh bdkbZ ls o"kZHkj Qynkj o lfCt;ksa dh ikS/k miyC/k djok;h tk jgh gSA |
| 6- | Jh fNnz flag] lgk- ihMh] vkRek] Mwaxjiqj | 1- oehZdEikSLV dk mRiknu ykxr dk v/;;u fd;k tk;SA | dsUnz ds }kjk oehZdEikSLV bdkbZ dk mRiknu ykxr dk v/;;u fd;kA ftlls dqy vk; 33518: ,oa ykxr 12700: FkhA rFkk 06 fDoUVy [kkn ulZjh bdkbZ dks miyC/k dj;k;k x;kA |
| | | 2- vtksyk ;qfuV dh fuekZ.k ykxr dk iqu% v/;;u fd;k tk;SA | dsUnz ds }kjk vtksyk ;qfuV dh fuekZ.k ykxr dk iqu% v/;;u ugh fd;k tk ldkA |
| 7- | MkW- tkosn [kku] ofj"B i'kqfpfdRlk vf/kdkjh] Mwaxjiqj | 1- [kfut yo.k fefjr baVks ¼;q,ech½ ds izn'kZu yxok;s tk;saA | fo"k; fo'ks"kk ¼ai'kq mRiknu½ dk in fjDr gksus ls [kfut yo.k fefjr baVks ¼;q,ech½ ds izn'kZu ugh yxk ik;SA |
| | | 2- cdjh uLy t[kjkuk] ckjcjh o tequkikjh ds chtw cdjksa dks ftys esa uLy lq/kkj gsrq dke esa fy;k tk;SA | dsUnz }kjk vk;ksftr d`"kd xks"Bh;ka o laLFkkxr i'kqikydz izf'k{k.kksa esa cdjh uLy lq/kkj gsrq i'kqikydzs dks izsfjr fd;k x;k rFkk nks d`"kdksa ds ;gka cdjh uLy lq/kkj gsrq izsfjr dj d`"kdksa ;wfuV LFkkfir dh xbZA |
| 8- | Jh ujir yky dyky] ftyk m ksx dsUnz] Mwaxjiqj | 1- nygu o elkyk Qlyksa dks c<kok fn;k tk; rkfd ftys esa d`f"k vk/kkfjr y?kq m ksx LFkkfir dj ldsaA | dsUnz }kjk vk;ksftr d`"kd xks"Bh;ka o laLFkkxr d`"kd izf'k{k.kksa ls nygu Qlyksa dks c<kok nsus ds fy, d`"kdksa izsfjr fd;k x;k ,oa ,u,Q,l,e ;kstuk ds rgr~ nygu Qlyksa ds puk esa 40 gSDVj] eqax esa 20 gSDVj o mM+n esa 40 gSDVj ds izn'kZu yxk;s x;s ,oa vkbZ-lh,-, vkj-&,u-vkj-lh-,l-,l- vtesj }kjk izk;ksftr laLFkkxr d`"kd izf'k{k.kksa o izn'kZu ls chth; elkyk Qlyksa dks c<kok nsus ds fy, d`"kdksa izsfjr fd;k x;kA |
| | | 2- ftys esa ckal ikS/kkjksi.k dks c<kok fn;k tk;SA | dsUnz }kjk vk;ksftr d`"kd xks"Bh;ka o laLFkkxr d`"kd izf'k{k.kksa ls ftys esa ckal ikS/kkjksi.k dks c<kok fn;k |

| | | | |
|---------|--|---|--|
| | | | x;kA |
| 9- | Jh tho jke rkfc;kM] d`f`k vf/kdkjh] d`f`k foHkkx] Mwaxjiqj | 1- rjy tSo moZjd miyC/k djok;k tk;sA 2- fdUuksok dh izkslsflax ;qfuV gsrq IEHkkouk ryk'k dh tk;sA | bl o"kZ vkuan d`f`k fo'ofokjy; Is rjy tSo moZjd dz;dj ds oh ds QkeZ ,oa izn'kZuksa esa miyC/k djok;k tk;sxA d`"kdksa us iqoZ esa foHkkx ds ek;/e Is cht miyC/krkuqlkj fdUuksok dh [ksrh dh ijUrq cktkj miyC/krk ugh gksus Is d`"kd fdUuksok dh [ksrh esa :ph ugh fn[kk jgs gSA |
| 10 - | Jh e.kh yky ;kno] izxfr'khy d`"kd | 1- dsohds QkeZ ij vkbZ,Q,l ekWM;qy rS;kj djok;k tk;sA 2- dsohds QkeZ ij ckm.M ^a hoky cuok;h tk;s A | ds- oh- ds- QkeZ ij vkbZ,Q,l ekWM;qy gsqr ulZjh bdkbZ \$ cdjh bdkbZ \$ oehZdEiksV bdkbZ \$ vtksyk bdkbZ \$ Qynkj cxhpk \$ cht mRiknu bdkbZ \$ iksYV ^a h bdkbZ miyC/k gSA dsohds QkeZ ij ckm.M ^a hoky ds fy, fo'ofokjy; dks i= O;ogkj fd;k x;kA |
| 11 - | Jh tho.k HkkbZ iVsy] izxfr'khy d`"kd | 1- fdlkuksa dh ekax ij pqts miyC/k djok;s tk;sA 2- fdlkuksa dks vius ;gka y?kq m ksx LFkkfir djus gsqr izsfjr fd;k tk; ,oa cSad }kjk tks leL;k,sa gS mudk lek/kku djok;k tkos A | dsUnz }kjk d`"kdksa dh ekax ds vuqlkj pqts miyC/k djkos tk jgs gSA Vh- ,l- ih- ifj;kstuk ds rgr~ 32 tutkfr d`"kdksa dks eqxhZ dh izrki/ku uLy ds 650 pqts miyC/k djok;s x;sA dsUnz }kjk vk;ksftr d`"kd xks"Bh;ka ,oa vlaLFkkxr o laLFkkxr d`"kd izf'k{k.kksa esa d`"kdksa dks vius QkeZ ij y?kq m ksx LFkkfir djus gsqr izsfjr fd;k x;kA |
| 12 - | Jhefr 'kkUr iVsy] izxfr'khy d`"kd efgyk | 1- efgykvksa ds fy, i'kqiky] ICth mRiknu ,oa Ms;jh bR;kfn ds izf'k{k.k ,oa Hkze.k vk;ksftr djok;k tk, A | dsUnz }kjk vk;ksftr d`"kd xks"Bh;ka ,oa vlaLFkkxr o laLFkkxr d`"kd izf'k{k.kksa d`"kd efgykvksa ds fy, i'kqiky] ICth mRiknu ,oa Ms;jh bR;kfn ds izf'k{k.k vk;ksftr fd;s x;s ,oa ICAR-NRCSS, vtesj esa Hkze.k djok;k |

| | | | |
|---------|---|--|---|
| | | | x;k |
| 13 - | Jh jkds'k dyklqv]k izxfr'khy d`"kd | 1- Mwaxjiqj ftys esa izpfyr IHkh Qlyksa ds teZlykTe dk laj{k.k djok;k tk;s A | dsUnz }kjk Mwaxjiqj ftys esa izpfyr /kku ¼iuok] lqRrj] thjk] ikrfj;k½] mM+n] eDdk] gkeyh dqjh] cVh] bR;kfn ds teZlykTe dk laj{k.k ds fy, ,uchihthvkj] ubZ fnYyh dks iaftdj.k gsrq Hkstk x;k gSA |
| 14 - | Jh gjh'k i.M~;k] izxfr'khy d`"kd | 1- Mwaxjiqj ftys esa o`gr~ Lrj ij l;kt uohu fdLe ds izn'kZu yxok;s tk;saA | dsUnz }kjk vk;ksftr d`"kd laxks"Bh;ksa ,oa vlaLFkkxr o laLFkkxr d`"kd izf'k{k.kksa ds ek;/e ls d`"kdksa l;kt dh uohu fdLe ,u,pvkjMh,Q jsM 3 ds fy, izsfjr fd;k x;k ,oa Mwaxjiqj ftys esa 20 gSDVj {kS=Qy esa 133 d`"kdksa ds [ksrksa ij l;kt dh uohu fdLeksa ij l;kt dh uohu fdLe ¼,xzh Qkm.M ykbV jsM+] ,u,pvkjMh,Q jsM 3] ,u,pvkjMh,Q jsM 2 ,oa ,u,pvkjMh,Q jsM½ ds izFke iafDr izn'kZu yxk;s x;sA |

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. | Horticulture based integrated farming system |
| 2. | Livestock based integrated farming system |

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

| S. No | Agro-climatic Zone | Characteristics |
|-------|--------------------------|--|
| 1. | Sub-humid southern plain | <p>Geographical area of the zone is 17.21lakh ha. Which is 5% of the state height of the MSL ranging 300 to 600 m. Total cultivated area of the zone is 8.87 lakh ha. Which is 22.06% of the geographical area and forest area about 17.36%. Most of part of the zone is undulated and hilli dependent on rainfall.</p> <p>Climate- Semi-humid average minimum and maximum Temp. of the zone ranging 11-26^o and 21.8-46^o C, respectively. Rainfall in range of 550 to 964mm and average is 802mm. Soil- Soil of the zone is red, medium black, mix red sandy soil found predominant. Soil erosion is the serious problem in the zone. Fertility point of view soil is low in N and medium in P,K and organic carbon.</p> <p>Crop- Productivity of most of crop in the zone are maize, wheat, black gram, paddy, mustard, gram, soybean and moong.</p> |

| S. No. | Agro ecological situations | Characteristics |
|--------|---|---|
| 1. | AES I (Dungarpur, Bichhiwara and Simalwara block) | Medium rainfall, high elevation and sandy loam soil |
| 2. | AES II (Sagwara and Aspur block) | High rainfall, medium elevation and sandy loam soil |

2.3 Soil type/s

| S. No | Soil type | Characteristics | Area in ha |
|-------|------------------------------------|--|------------|
| 1. | Sandy loam, Red loam, Red mix soil | Low in N and medium in P, K. and O. C. | 123838 |
| 2. | Saline Soil | EC>4, pH <8.5, ESP<15 | 2819 |
| 3. | Sodic soil | EC<4, pH> 8.5-10.0, ESP>15 | 3928 |

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

| S. No | Crop | Area (ha) | Production (MT) | Productivity (Qtl /ha) |
|-------|------------------------|-----------|-----------------|------------------------|
| 1. | Wheat | 46988 | 97791 | 20.81 |
| 2. | Sorghum | 200 | 121 | 6.05 |
| 3. | Gram | 11873 | 13827 | 11.65 |
| 4. | Maize | 63500 | 87289 | 13.74 |
| 5. | Paddy | 17681 | 33644 | 19.03 |
| 6. | Black gram | 11748 | 8666 | 7.38 |
| 7. | Soybean | 29191 | 35659 | 12.22 |
| 8. | Mustard | 438 | 666 | 15.21 |
| 9. | Barley | 873 | 385 | 32.97 |
| 10. | Green gram | 30 | 15 | 5.00 |
| 11. | Minor millets (Kharif) | 4572 | 3658 | 8.00 |

Source: Vital Agri. Statistics (Govt. of Rajasthan) 2016-17

2.5. Weather data

| Month | Rainfall (mm) | No. of Rainy days | Temperature ^o C | | Relative Humidity (%) |
|-----------|---------------|-------------------|----------------------------|---------|-----------------------|
| | | | Maximum | Minimum | |
| April, 18 | 0 | 0 | NA | NA | NA |
| May, 18 | 0 | 0 | | | |
| June, 18 | 210.5 | 5 | | | |
| July, 18 | 235.1 | 17 | | | |
| Aug., 18 | 231.5 | 15 | | | |

| | | | | | |
|--------------|---------------|-----------|--|--|--|
| Sept. 18 | 110.4 | 5 | | | |
| Oct.,18 | 0 | 0 | | | |
| Nov., 18 | 0 | 0 | | | |
| Dec.,18 | 0 | 0 | | | |
| Jan.,19 | 0 | 0 | | | |
| Feb., 19 | 0 | 0 | | | |
| March, 19 | 0 | 0 | | | |
| TOTAL | 787.50 | 42 | | | |

- Source: District head quarter, Dungarpur

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

| Category | Population | Production | Productivity |
|-------------------|------------|-------------------|--------------|
| Cattle | | | |
| <i>Crossbred</i> | 375023 | 0.406 | 5.5 |
| <i>Indigenous</i> | | 30.884/ lactation | 2.5 lire/day |
| Buffalo | 232133 | 77.390/lactation | 4.4 lire/day |
| Sheep | | | |
| <i>Crossbred</i> | - | | |
| <i>Indigenous</i> | 62652 | - | |
| Goats | 416729 | 9.073 | 0.369 |
| Pigs | | | |
| <i>Crossbred</i> | - | | |
| <i>Indigenous</i> | 38 | - | |
| Rabbits | 22 | | |
| Poultry | | | |
| Hens | 191518 | | |
| <i>Desi</i> | | | |
| <i>Improved</i> | | - | |
| Ducks | - | | |
| Turkey and others | - | | |
| Fish | | | |
| <i>Marine</i> | | | |
| <i>Inland</i> | | | |
| Prawn | | | |
| Scampi | | | |
| Shrimp | | | |

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

| S.No. | Taluk | Name of the block | Name of the village | Major crops & enterprises | Major problem identified | Identified Thrust Areas |
|-------|-----------|-------------------|------------------------------|--|---|-------------------------|
| 1. | Dungarpur | Dovada | Semal Ghati, Sattu | Crop Production- Maize, Black gram, Paddy, Soybean, Wheat, Gram and Mustard Horticulture- Vegetable- Okra, Tomato, Chilli, Brinjal, Onion and Cucurbits Fruits- Mango, citrus and papaya Animal Production- Cattle, Buffalo, Goat and poultry. | Crop Production- -Use of local seed -Improper crop geometry -No seed treatment -Under dose of fertilizers Horticulture- -very less area under vegetable and fruit crops -use of local planting Materials -use of local seed in vegetables -no plant protection measures Animal Production- - Undisrupted animal breeds -poor feeding management | |
| | | Aspur | Gara baba, Masana, Bokadssel | | | |

2.8 Priority/thrust areas

| Crop/Enterprise | Thrust area |
|------------------------|---|
| Maize, Paddy | Assessment of improved varieties, popularization of integrated pest management. |
| Black gram, Green gram | Assessment of improved varieties, popularization of green gram during zaid season. |
| Soybean | Assessment of improved varieties & eco friendly pest management. |
| Wheat, mustard | Introduction of high yielding varieties, Application of fertilizers based on soil test value & popularization of weed management. |
| Chickpea | Assessment of improved varieties , Application of fertilizers based on soil test value & integrated pest management |
| Horticulture | To diversify area under mango, lime and papaya in fruit & chilli, okra, tomato, brinjal, tuber crops in vegetables. |
| Plant protection | To promote IPM techniques for crops and vegetables. |
| Livestock/ Dairying | To increase productivity of cow, buffalo and goat through scientific breeding, feeding & housing management & Introduction of PRATAP DHAN breed of poultry for nutritional & livelihood security. |
| Value addition | To develop skills in preservation of locally available fruit like mango, lemon, Anola & vegetables like tomato, chilli, turmeric, carrot etc. |

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 | |
| Target s | Achievement | Targets | Achievement | Targets | Achievement | Targets | Achievement |
| 8 | 5 | 66 | 48 | 165 | 359.8 | 650 | 1806 |
| | | | | | | | |
| 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 | 53 | 43 | 1325 | 1484 | 176 | 216 | 13725 | 25170 |
| Rural youth | | | | | | | | |
| Extn. Functionaries | 5 | 4 | 125 | 92 | | | | |
| | | | | | | | | |

| Seed Production (Qtl.) | | | Planting material (Nos.) | | |
|------------------------|-------------|-------------------------------|--------------------------|-------------|-------------------------------|
| 5 | | | 6 | | |
| Target | Achievement | Distributed to no. of farmers | Target | Achievement | Distributed to no. of farmers |
| 135 | 120.53 | | 100000 | 51012 | 1852 |
| | | | | | |
| | | | | | |

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 | Barley | Assessment trial of barley crop in salt affected Som Kamla Amba Dam command areas | 6 | 6 |
| Varietal Evaluation | Onion | Varietal assessment of rabi onion | 24 | 24 |
| Integrated Pest Management | | | | |
| Integrated Crop Management | | | | |
| Integrated Disease Management | Brinjal | Management of shoot and fruit borer in brinjal | 6 | 6 |
| | Chilli | Management of leaf curl of chilli | 6 | 6 |
| 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 | | | 42 | 42 |

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 | Buffalo | Feeding management interventions to reduce calf mortality in buffalos | 6 | 6 |
| Nutrition Management | | | | |
| Production and Management | | | | |
| Others (Pl. specify) | | | | |
| Total | | | 6 | 6 |

Summary of technologies assessed under various enterprises by KVKs

| Thematic areas | Enterprise | Name of the technology assessed | No. of trials | No. of farmers |
|----------------|------------|---------------------------------|---------------|----------------|
| | | | | |
| | | | | |

Note: Suppose **IPM in paddy** is the technology assessed by 50 KVKs in the Zone with 5 trials by each KVK, then IPM in paddy needs to be considered as a single technology, with $50 \times 5 = 250$ trials and No. of KVKs will be 50. In addition, please note that even if IPM in paddy is done with various combinations of Technology Options (treatments), it may be considered as a single technology only.

I.B. TECHNOLOGY ASSESSMENT IN DETAIL

(From each state please include the full details of three OFTs on technology assessment under the broad thematic areas such as Integrated Crop Management, weed management, pest and disease management, nutrient management, resource conservation, livestock enterprises, Integrated Nutrient Management)

(The model for preparing the same is furnished below)

INTEGRATED CROP MANAGEMENT

Problem definition: Assessment trial of barley crop in salt affected Som Kamla Amba Dam command areas

Technology Assessed: In aspur block, 907ha area under secondary salinization in command area, 2307 farmers affected.

Table Performance of barley crop

| Technology Option | No. of trials | Yield (t/ha) | Net Returns (Rs. in lakh./ha) |
|---|---------------|--------------|-------------------------------|
| Farmers Practice (Rice –wheat cropping system, more amount of water to crops in irrigation, using less FYM, no green manuring, no deep ploughing, sometimes excess use of chemical fertilizers- N & P only), Farmers not taking Barley & Mustard salt tolerant crops | 6 | 2.26 | 0.19180 |
| Deep ploughing (in summer)+ Green Manuring (in rainy season) + FYM+ Incorporation of crops residues (If possible)+ Salt tolerant crops and Varieties (Barley, RD 2786) (All the practices in same plots for three years) . Seed rate @125kg/ha+15tone FYM /(10Tone FYM+GM)+75kg N+40 Kg P ₂ O ₅ +25kg Zinc sulphate | | 3.03 | 0.28700 |

INTEGRATED CROP MANAGEMENT

Problem definition: Varietal assessment of rabi onion

Technology Assessed: Farmers using N 53 onion variety

Table Performance varieties

| Technology Option | No. of trials | Yield (t/ha) | Net Returns (Rs. in lakh./ha) |
|--|---------------|--------------|-------------------------------|
| Farmer practices (N-53) | 24 | 19.93 | 0.57 |
| Recommended Variety (Agri-found Light Red) | | 25.85 | 0.86 |
| NHRDF Red | | 26.14 | 0.88 |
| NHRDF Red 2 | | 26.59 | 0.89 |
| NHRDF Red-3 | | 27.66 | 0.95 |

PEST AND DISEASE MANAGEMENT

Problem definition: Heavy infestation of Shoot and fruit borer in brinjal effecting in a yield loss of 30-40%

Technology Assessed : Shoot and fruit borer management in brinjal

Table : Performance of pheromone trap + spray of azadirachtin @ 5ml/ l + spray of Emamectin benzoate 5% SG @ 0.4g/l.

| Technology Option | No. of trials | Yield (kg/ha) | % Increase in yield over farmer's practice |
|--|---------------|---------------|--|
| Farmer practices- Profenophos 40 EC@ 2ml/litre | 6 | 8683 | 97.05 |
| Use of pheromone trap + spray of azadirachtin @ 5ml/l + spray of Emamectin benzoate 5% SG @ 0.4g/l | | 17110 | |

PEST AND DISEASE MANAGEMENT

Problem definition: Heavy infestation of leaf curl in chilli effecting in a yield loss of 20-30%

Technology Assessed : Leaf Curl Management in Chilli

Table : Effect of imidacloprid in control of leaf curl in chilli

| Technology Option | No. of trials | Incidence of leaf curl (%) | Yield (kg/ha) | % Increase in yield over farmer's practice |
|--|----------------------|-----------------------------------|----------------------|---|
| <i>Farmers Practice (Dimethoate30EC @1.0-1.250litre/ha)</i> | 6 | 30.78 | 4020 | -- |
| <i>Use of yellow sticky strip and spray with neem oil (1500ppm)@5ml/l water at the initiation of infestation + acetamiprid 20SP @ 0.3gram/l of water at 15 days interval</i> | | 15.62 | 6835 | 70.02 |

LIVE STOCK ENTERPRISES**Problem definition:****Technology Assessed:****Table**

| Technology Option | No. of trials | Yield t./ha | B:C Ratio |
|--------------------------|----------------------|--------------------|------------------|
| | | | |
| | | | |

INTEGRATED NUTRIENT MANAGEMENT**Problem definition:** High incidence of calf mortality in buffalos**Technology Assessed:** Feeding management interventions to reduce calf mortality in buffalos

Buffaloes are rearing only for milk production in Dungarpur district. There is good population of buffaloes is reared by farmers in the district. Due to lack of scientific intervention buffaloes are in production potential is poor and Calf mortality in buffalo's common problem in buffaloes in the district

Table Effect of Feeding a mixture of Mustard oil @ 50g/day/calf and Turmeric powder @ 10g/day/calf in the control of calf mortality

| Technology Option | No. of trials | Per cent incidence of calf mortality |
|---|----------------------|---|
| Farmer practices (Existing feeding management practices) | 6 | |
| Farmer practices + Feeding a mixture of Mustard oil @ 50g/day/calf and Turmeric powder @ 10g/day/calf | | <i>Results awaited</i> |

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. | Black gram (NFSM) | Productivity | Improved seed, seed treatment, Line sowing, | Training, demonstration, field day, media coverage and interaction with farmers and extension personal | 6 | 59 | 20.0 |
| 2. | Soybean(NMOOP) | Productivity | Improved seed, seed treatment, Line sowing, | Training, demonstration, field day, media coverage and interaction with farmers and extension personal | 6 | 124 | 31.8 |
| 3 | Paddy | Productivity | Improved seed, seed treatment, Line sowing, | Training, demonstration, field day, media coverage and interaction with farmers and extension personal | 4 | 42 | 10.0 |
| 4. | Mustard (NMOOP) | Productivity | Improved seed, seed treatment, Line sowing, | Training, demonstration, field day, media coverage and interaction with farmers and extension personal | 4 | 106 | 40 |
| 5 | Gram (NFSM) | Productivity | Improved seed, seed treatment, Line sowing, | Training, demonstration, field day, media coverage and interaction with farmers and extension personal | 6 | 246 | 50 |
| 6 | Wheat | Productivity | Improved seed, seed treatment, Line sowing, | Training, demonstration, field day, media coverage and interaction with farmers and extension personal | 4 | 37 | 10 |
| 7 | Rabi Maize (TSP) | Productivity | Improved seed, seed treatment, Line sowing, | Training, demonstration, field day, media coverage and interaction with farmers and extension personal | 3 | 25 | 8.6 |
| 8 | Onion | Productivity | Improved seed, seed treatment, Line sowing, | Training, demonstration, field day, media coverage and interaction with farmers and extension personal | 5 | 90 | 25 |
| 9 | Green gram (NFSM) | Productivity | Improved seed, seed treatment, Line sowing, | Training, demonstration, field day, media coverage and interaction with farmers and extension personal | 5 | 100 | 20 |
| 10 | Groundnut (NMOOP) | Productivity | Improved seed, seed treatment, Line sowing, | Training, demonstration, field day, media coverage and interaction with farmers and extension personal | 4 | 40 | 12 |
| 11 | Okra (ATMA) | Productivity | Improved seed | Training, demonstration, field day, media coverage and interaction with farmers and extension personal | 7 | 126 | 21 |
| 12 | Coriander (ATMA) | Productivity | Improved seed | Training, demonstration, field day, media coverage and interaction with farmers and extension personal | 8 | 78 | 10 |
| 13 | Onion (ATMA) | Productivity | Improved seed | Training, demonstration, field day, media coverage and interaction with farmers and extension personal | 7 | 161 | 15 |
| TOTAL | | | | | | 1234 | 273.4 |

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

- b. Details of FLDs implemented during 2018-19 (Information is to be furnished in the following **three tables** for each category i.e. cereals, horticultural crops, oilseeds, pulses, cotton and commercial crops.)

| SI. 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. | Groundnut (NFSM-Oilseed) | Productivity | Improved seed, seed treatment, Line sowing, IPM, IWM & RDF | Zaid, 2018 | 10 | 8 | 36 | 4 | 40 | |
| 2. | Greengram (NFSM-Pulses) | Productivity | Improved seed, seed treatment, Line sowing, IPM, IWM & RDF | Zaid, 2018 | 20 | 20 | 2 | 98 | 100 | |
| 3. | Groundnut (NFSM-Oilseed) | Productivity | Improved seed, seed treatment, Line sowing, IPM, IWM & RDF | Kharif, 2018 | 40 | 46.8 | 121 | 53 | 174 | |
| 4. | Soybean (NFSM-Oilseed) | Productivity | Improved seed, seed treatment, Line sowing, IPM, IWM & RDF | Kharif, 2018 | 30 | 30 | 26 | 114 | 140 | |
| 5. | Blackgram (NFSM-Pulses) | Productivity | Improved seed, seed treatment, Line sowing, IPM, IWM & RDF | Kharif, 2018 | 30 | 30 | 40 | 38 | 78 | |
| 6. | Paddy | Productivity | Improved seed, seed treatment, Line sowing, IPM, IWM & RDF | Kharif, 2018 | 5 | 5 | 3 | 22 | 25 | |
| 7. | Maize | Productivity | Improved seed, seed treatment, Line sowing, IPM, IWM & RDF | Kharif, 2018 | 10 | 10 | 24 | 21 | 45 | |
| 8. | Mustard (NFSM-Oilseed) | Productivity | Improved seed, seed treatment, Line sowing & RDF | Rabi, 2018-19 | 30 | 30 | 122 | 18 | 140 | |
| 9. | Chickpea (NFSM-Pulses) | Productivity | Improved seed, seed treatment, Line sowing & RDF | Rabi, 2018-19 | 40 | 40 | 69 | 128 | 197 | |
| 10. | Wheat | Productivity | Improved seed, seed treatment, Line sowing & RDF | Rabi, 2018-19 | 10 | 10 | 31 | 19 | 50 | |
| 11. | Greengram (NFSM-Pulses) | Productivity | Improved seed, seed treatment, Line sowing & RDF | Zaid, 2019 | 20 | 20 | 22 | 72 | 94 | |
| 12. | Onion | Productivity | Improved seed, seed treatment, raised bed Nursery, Transplanting, IPM, RDF & Weed management | Rabi, 2018-19 | 5 | 5 | 4 | 21 | 25 | |
| 13. | Tomato | Productivity | Improved seed, seed treatment, raised bed Nursery, Transplanting, IPM, RDF & Weed management | Kharif, 2018 | 5 | 3.5 | 28 | 0 | 28 | |
| 14. | Rabi Maize (TSP) | Productivity | Improved seed, seed treatment, Line sowing & RDF | Rabi, 2018-19 | 40 | 40 | 152 | 0 | 152 | |
| 15. | Okra (TSP) | Productivity | Improved seed, seed treatment, Line sowing & RDF | Zaid, 2019 | 10 | 10 | 110 | 0 | 110 | |
| 16. | Clusterbean (TSP) | Productivity | Improved seed, seed treatment, Line sowing & RDF | Zaid, 2019 | 5 | 4.5 | 92 | 0 | 92 | |
| 17. | Onion (ATMA) | Productivity | Improved seed, seed treatment, raised bed Nursery, Transplanting, RDF & Weed management | Rabi, 2018-19 | 15 | 15 | 60 | 48 | 108 | |
| 18. | Okra (ATMA) | Productivity | Improved seed, seed treatment, Line sowing, IPM, IWM & RDF | Zaid, 2018 | 20 | 21 | 107 | 18 | 125 | |
| 19. | Coriander (ATMA) | Productivity | Improved seed, seed treatment, Line sowing, IPM, IWM & RDF | Zaid, 2018 | 10 | 10 | 68 | 10 | 78 | |
| 20. | Lucern | Fodder Production | Improved seed, seed treatment & RDF | Rabi, 2018-19 | 1.0 | 1.0 | 3 | 2 | 5 | |
| TOTAL | | | | | 356 | 359.8 | 1120 | 686 | 1806 | |

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 | | | | | |
| Groundnut (NFSM-Oilseed) | Zaid,2018 | Irrigated | Sandy loam | L | M | H | Mustard, wheat | Ist week of Feb. | IInd week of June | | |
| Greengram (NFSM-Pulses) | Zaid,2018 | Irrigated | Sandy loam | L | M | H | Wheat, gram | Ist week of Apr. | IInd week of June | | |
| Groundnut (NFSM-Oilseed) | Kharif,2018 | Rainfed | Sandy loam | L | M | H | Wheat, gram, mustard | Ist week of July. | IIIrd week of Oct. | 787.50 | 42 |
| Soybean (NFSM-Oilseed) | Kharif,2018 | Rainfed | Sandy loam | L | M | H | Wheat, green gram | Ist week of July. | IIIrd week of Oct. | 787.50 | 42 |
| Blackgram (NFSM-Pulses) | Kharif,2018 | Rainfed | Sandy loam | L | M | H | Wheat, gram | Ist week of July. | IInd week of Oct. | 787.50 | 42 |
| Paddy | Kharif,2018 | Rainfed | Sandy loam | L | M | H | Wheat, green gram | IIIrd week of July | Ist week of Nov. | 787.50 | 42 |
| Maize | Kharif,2018 | Rainfed | Sandy loam | L | M | H | Wheat, gram | Ist week of July. | IInd week of Oct. | 787.50 | 42 |
| Mustard (NFSM-Oilseed) | Rabi,2018-19 | Irrigated | Sandy loam | L | M | H | Maize, Black gram, soybean | IIIrd week of oct. | IInd week of Apr. | | |
| Chickpea (NFSM-Pulses) | Rabi,2018-19 | Irrigated | Sandy loam | L | M | H | Maize, Black gram | IIIrd week of oct. | IIIrd week of march | | |
| Wheat | Rabi,2018-19 | Irrigated | Sandy loam | L | M | H | Paddy, maize | IInd week of Nov. | Ist week of Apr. | | |
| Greengram (NFSM-Pulses) | Zaid,2019 | Irrigated | Sandy loam | L | M | H | Wheat, gram | Ist week April | awaited | | |
| Onion | Rabi,2018-19 | Irrigated | Sandy loam | L | M | H | Black gram, soybean | IIIrd week of oct. | IIIrd week of Apr | | |
| Tomato | Kharif,2018 | Irrigated | Sandy loam | L | M | H | Gram, wheat | IInd week of June | Sept. to March | 787.50 | 42 |
| Rabi Maize (TSP) | Rabi,2018-19 | Irrigated | Sandy loam | L | M | H | Mustard, Black gram | Last week of Nov. | IInd week of Apr | | |
| Okra (TSP) | Zaid,2019 | Irrigated | Sandy loam | L | M | H | Gram, wheat | Ist week of Feb. | awaited | | |
| Clusterbean (TSP) | Zaid,2019 | Irrigated | Sandy loam | L | M | H | Gram, wheat | Ist week of Feb. | awaited | | |
| Onion (ATMA) | Rabi,2018-19 | Irrigated | Sandy loam | L | M | H | Soybean | Ist week of Feb. | IIIrd week of Apr | | |
| Okra (ATMA) | Zaid, 2018 | Irrigated | Sandy loam | L | M | H | Fallow, wheat | Ist week of Feb. | April to June | | |
| Coriander (ATMA) | Zaid, 2018 | Irrigated | Sandy loam | L | M | H | Fallow, wheat | Ist week of Feb. | March to April | | |
| Lucern | Rabi, 2018-19 | Irrigated | Sandy loam | L | M | H | Black gram, Fallow | IInd week of Oct. | awaited | | |

Technical Feedback on the demonstrated technologies

| S. No | Feed Back |
|-------|--|
| 1 | Improved varieties of black gram and gram is basic need of farmers |

| | |
|----|---|
| 2 | Appreciated Soybean variety JS 20-29 due to higher yield. |
| 3. | Appreciated gram variety GNG 1581 due to higher yield. |
| 4. | Appreciated groundnut variety GJG 22 due to higher yield. |

Farmers' reactions on specific technologies

| S. No | Feed Back |
|-------|--|
| 1 | Improved seed, seed treatment, Line sowing, RDF technologies appreciated by the farmers due to more yields |
| 2 | Improved varieties of crops is really for fit due to more yields |

Extension and Training activities under FLD

| Sl.No. | Activity | No. of activities organized | Date | Number of participants | Remarks |
|--------|--------------------------------------|-----------------------------|---|------------------------|---------|
| 1 | Field days | 9 | 29.04.18, 27.05.18, 02.06.18, 12.10.18, 16.10.18, 26.09.18, 07.02.19, 27.02.19, 25.03.19, | 1064 | |
| 2 | Farmers Training | 5 | 5-8.06.18, 09.06.18, 01-04.10.18, 03-06.10.18, 22-25.10.18 | 212 | |
| 3 | Media coverage | 16 | | | |
| 4 | Training for extension functionaries | 2 | 7-8.02.19, 14-15.02.19 | 47 | |

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 | Productivity | Improved seed, seed treatment, Line sowing, IPM, IWM & RDF | JL 501 | 40 | 8 | 19.5 | 17 | 17.2 | 14.5 | 18.62 | 32100 | 74375 | 42275 | 2.32 | 30400 | 60175 | 29775 | 1.98 |
| Groundnut | Productivity | Improved seed, seed treatment, Line sowing, IPM, IWM & RDF | GJG-22 | 174 | 46.8 | 20 | 15.5 | 17.5 | 14.0 | 25.00 | 36400 | 70000 | 33600 | 1.92 | 31500 | 56000 | 24500 | 1.57 |
| Sesamum | | | | | | | | | | | | | | | | | | |
| Mustard | Productivity | Improved seed, seed treatment, Line sowing, IPM, IWM & RDF | RH 406 | 140 | 30 | 16.2 | 13.8 | 15.9 | 12 | 32.50 | 24500 | 55600 | 31100 | 2.27 | 21650 | 42000 | 20350 | 1.94 |

| | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---------------------|---|----------------|-----|-----|-----------------|-------|-------|-------|-------|--|--|-------|--------|--------|------|-------|--------|--------|------|
| Petha | | | | | | | | | | | | | | | | | | | | |
| Tomato | Productivity | Improved seed, seed treatment, raise bed nursery, Transplanting, IPM, RDF & Weed management | Arka Rakshak | 28 | 3.5 | 230.6 | 201.6 | 215.8 | 176.9 | 21.99 | | | 39560 | 172640 | 133080 | 4.36 | 38950 | 141520 | 102570 | 3.63 |
| Frenchbean | | | | | | | | | | | | | | | | | | | | |
| Clusterbean (TSP) | Productivity | Improved seed, seed treatment, raise bed nursery, Transplanting, IPM, RDF & Weed management | Swati+222 | 90 | 4.5 | Results awaited | | | | | | | | | | | | | | |
| Capsicum | | | | | | | | | | | | | | | | | | | | |
| Chilli | | | | | | | | | | | | | | | | | | | | |
| Brinjal | | | | | | | | | | | | | | | | | | | | |
| Vegetable | | | | | | | | | | | | | | | | | | | | |
| pea | | | | | | | | | | | | | | | | | | | | |
| Softgourd | | | | | | | | | | | | | | | | | | | | |
| Okra (ATMA) | Productivity | Improved seed, seed treatment, IPM, RDF & Weed management | Jamuna | 125 | 21 | 61.2 | 39 | 57.5 | 40.3 | 42.68 | | | 30250 | 115000 | 84750 | 3.80 | 29150 | 60450 | 31300 | 2.07 |
| Okra (TSP) | Productivity | Improved seed, seed treatment, IPM, RDF & Weed management | Bhinndi 41 No. | 110 | 10 | Result awaited | | | | | | | | | | | | | | |
| Colocasia (Arvi) | | | | | | | | | | | | | | | | | | | | |
| Broccoli | | | | | | | | | | | | | | | | | | | | |
| Cucumber | | | | | | | | | | | | | | | | | | | | |
| Onion | Productivity | Improved seed, seed treatment, IPM, RDF & Weed management | AFLR | 25 | 5 | 277.8 | 212.7 | 258.5 | 199.2 | 29.77 | | | 42980 | 129250 | 86270 | 3.01 | 41990 | 99600 | 57610 | 2.37 |
| Onion (ATMA) | Productivity | Improved seed, seed treatment, IPM, RDF & Weed management | AFLR | 108 | 15 | 268.7 | 219.7 | 249.8 | 198.9 | 25.59 | | | 41990 | 124900 | 82910 | 2.97 | 40025 | 99450 | 59425 | 2.48 |
| Coriander (ATMA) | Productivity | Improved seed, seed treatment, IPM, RDF & Weed | Pant Haritma | 78 | 10 | 24 | 18 | 21.5 | 16.7 | 28.74 | | | 19200 | 45650 | 26450 | 2.38 | 17870 | 33400 | 15530 | 1.87 |

| | | | | | | | | | | | | | | | | | | | | |
|-----------------------------|-------------------|--------------------------------------|-------|---|-----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-----------------|
| | | management | | | | | | | | | | | | | | | | | | |
| Lettuce | | | | | | | | | | | | | | | | | | | | |
| Cabbage | | | | | | | | | | | | | | | | | | | | |
| Cauliflower | | | | | | | | | | | | | | | | | | | | |
| Elephant fruit | | | | | | | | | | | | | | | | | | | | |
| Flower crops | | | | | | | | | | | | | | | | | | | | |
| Marigold | | | | | | | | | | | | | | | | | | | | |
| Bela | | | | | | | | | | | | | | | | | | | | |
| Tuberose | | | | | | | | | | | | | | | | | | | | |
| Gladiolus | | | | | | | | | | | | | | | | | | | | |
| Fruit crops | | | | | | | | | | | | | | | | | | | | |
| Mango | | | | | | | | | | | | | | | | | | | | |
| Strawberry | | | | | | | | | | | | | | | | | | | | |
| Guava | | | | | | | | | | | | | | | | | | | | |
| Banana | | | | | | | | | | | | | | | | | | | | |
| Papaya | | | | | | | | | | | | | | | | | | | | |
| Muskmelon | | | | | | | | | | | | | | | | | | | | |
| Watermelon | | | | | | | | | | | | | | | | | | | | |
| Spices & condiments | | | | | | | | | | | | | | | | | | | | |
| Ginger | | | | | | | | | | | | | | | | | | | | |
| Garlic | | | | | | | | | | | | | | | | | | | | |
| Turmeric | | | | | | | | | | | | | | | | | | | | |
| Commercial Crops | | | | | | | | | | | | | | | | | | | | |
| Sugarcane | | | | | | | | | | | | | | | | | | | | |
| Potato | | | | | | | | | | | | | | | | | | | | |
| Medicinal & aromatic plants | | | | | | | | | | | | | | | | | | | | |
| Mentholment | | | | | | | | | | | | | | | | | | | | |
| Kalmegh | | | | | | | | | | | | | | | | | | | | |
| Ashwagandha | | | | | | | | | | | | | | | | | | | | |
| Fodder Crops | | | | | | | | | | | | | | | | | | | | |
| Sorghum (F) | | | | | | | | | | | | | | | | | | | | |
| Cowpea (F) | | | | | | | | | | | | | | | | | | | | |
| Maize (F) | | | | | | | | | | | | | | | | | | | | |
| Lucern | Fodder Production | Improved seed, seed treatment, & RDF | TS- 9 | 5 | 1.0 | | | | | | | | | | | | | | | Results awaited |
| Berseem | | | | | | | | | | | | | | | | | | | | |
| Oat (F) | | | | | | | | | | | | | | | | | | | | |

* 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 Livestock

| Category | Thematic area | Name of the technology demonstrated | No. of Farmer | No. of Units (Animal/ Poultry/ Birds, etc) | Major parameters | | % change in major parameter | Other parameter | | Economics of demonstration (Rs.) | | | | Economics of check (Rs.) | | | | |
|--------------|---------------|-------------------------------------|---------------|--|------------------|-------|-----------------------------|-----------------|-------|----------------------------------|--------------|------------|-----------|--------------------------|--------------|------------|-----------|--|
| | | | | | Demo | Check | | Demo | Check | Gross Cost | Gross Return | Net Return | BCR (R/C) | Gross Cost | Gross Return | Net Return | BCR (R/C) | |
| Cattle | | | | | | | | | | | | | | | | | | |
| Buffalo | | | | | | | | | | | | | | | | | | |
| Buffalo Calf | | | | | | | | | | | | | | | | | | |
| Dairy | | | | | | | | | | | | | | | | | | |
| Poultry | | | | | | | | | | | | | | | | | | |
| Sheep & Goat | | | | | | | | | | | | | | | | | | |
| 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 Fisheries

| Category | Thematic area | Name of the technology demonstrated | No. of Farmer | No. of units | Major parameters | | % change in major parameter | Other parameter | | Economics of demonstration (Rs.) | | | | Economics of check (Rs.) | | | | |
|------------------------|---------------|-------------------------------------|---------------|--------------|------------------|-------|-----------------------------|-----------------|-------|----------------------------------|--------------|------------|-----------|--------------------------|--------------|------------|-----------|--|
| | | | | | Demonstration | Check | | Demonstration | Check | Gross Cost | Gross Return | Net Return | BCR (R/C) | Gross Cost | Gross Return | Net Return | BCR (R/C) | |
| Common Carps | | | | | | | | | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | | | | | | | | | |
| Feed Management | | | | | | | | | | | | | | | | | | |

* 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 enterprises

| Category | Name of the technology demonstrated | No. of Farmer | No. of units | Major parameters | | % change in major parameter | Other parameter | | Economics of demonstration (Rs.) or Rs./unit | | | | Economics of check (Rs.) or Rs./unit | | | | | |
|-----------------|-------------------------------------|---------------|--------------|------------------|-------|-----------------------------|-----------------|-------|--|--------------|------------|-----------|--------------------------------------|--------------|------------|-----------|--|--|
| | | | | Demo | Check | | Demo | Check | Gross Cost | Gross Return | Net Return | BCR (R/C) | Gross Cost | Gross Return | Net Return | BCR (R/C) | | |
| Oyster Mushroom | | | | | | | | | | | | | | | | | | |
| Button Mushroom | | | | | | | | | | | | | | | | | | |
| Apiculture | | | | | | | | | | | | | | | | | | |
| Maize Sheller | | | | | | | | | | | | | | | | | | |
| Value Addition | | | | | | | | | | | | | | | | | | |
| Vermi Compost | | | | | | | | | | | | | | | | | | |

FLD on Women Empowerment

| Category | Name of technology | No. of demonstrations | Name of observations | Demonstration | Check |
|----------|--------------------|-----------------------|----------------------|---------------|-------|
|----------|--------------------|-----------------------|----------------------|---------------|-------|

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

FLD on Farm Implements and Machinery

| Name of the implement | Crop | Technology demonstrated | No. of Farmer | Area (ha) | Major parameters | Filed observation (output/man hour) | | % change in major parameter | Labor reduction (man days) | | | | Cost reduction (Rs./ha or Rs./Unit etc.) | | | | | | |
|-----------------------|------|-------------------------|---------------|-----------|------------------|-------------------------------------|-------|-----------------------------|----------------------------|--------|---------|-------|--|--------|------------|-------|--|--|--|
| | | | | | | Demo | Check | | Land preparation | Sowing | Weeding | Total | Land preparation | Labour | Irrigation | Total | | | |
| | | | | | | | | | | | | | | | | | | | |

FLD on Other Enterprise: Kitchen Gardening

| Category and Crop | Thematic area | Name of the technology demonstrated | No. of Farmer | No. of Units | Yield (Kg) | | % change in yield | Other parameters | | Economics of demonstration (Rs./ha) | | | | Economics of check (Rs./ha) | | | | | |
|-------------------|---------------|-------------------------------------|---------------|--------------|---------------|-------|-------------------|------------------|-------|-------------------------------------|--------------|------------|-----------|-----------------------------|--------------|------------|-----------|--|--|
| | | | | | Demonstration | Check | | Demo | Check | Gross Cost | Gross Return | Net Return | BCR (R/C) | Gross Cost | Gross Return | Net Return | BCR (R/C) | | |
| | | | | | | | | | | | | | | | | | | | |

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) | | | | |
|------------------|--|----------------|----------------|-----------|--------------|------|---------|-------|---------------------|-------------------------------------|--------------|------------|-----------|--|
| | | | | | Demo | | | Check | | Gross Cost | Gross Return | Net Return | BCR (R/C) | |
| | | | | | High | Low | Average | | | | | | | |
| Oilseed crop | | | | | | | | | | | | | | |
| Pulse crop | | | | | | | | | | | | | | |
| Cereal crop | | | | | | | | | | | | | | |
| Rabi Maize (TSP) | Improved seed, seed treatment, Line sowing, IPM, IWM & RDF | Bio-9682 | 152 | 40 | 45.2 | 35.5 | 40.4 | 32.5 | 24.31 | 29500 | 60600 | 31100 | 2.05 | |
| Vegetable crop | | | | | | | | | | | | | | |
| Fruit crop | | | | | | | | | | | | | | |
| Other (specify) | | | | | | | | | | | | | | |

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

| | | | | | | | | | | |
|---|-----------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Small scale processing and value addition | | | | | | | | | | |
| Post Harvest Technology | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| VII Plant Protection | | | | | | | | | | |
| Integrated Pest Management | 2 | 46 | 0 | 46 | 16 | 0 | 16 | 62 | 0 | 62 |
| Integrated Disease Management | | | | | | | | | | |
| Bio-control of pests and diseases | | | | | | | | | | |
| Production of bio control agents and bio pesticides | 1 | 28 | 0 | 28 | 3 | 0 | 3 | 31 | 0 | 31 |
| Others (pl specify) | | | | | | | | | | |
| Total | 3 | 74 | 0 | 74 | 19 | 0 | 19 | 93 | 0 | 93 |
| VIII Fisheries | | | | | | | | | | |
| Integrated fish farming | | | | | | | | | | |
| Carp breeding and hatchery management | | | | | | | | | | |
| Carp fry and fingerling rearing | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | |
| Hatchery management and culture of freshwater prawn | | | | | | | | | | |
| Breeding and culture of ornamental fishes | | | | | | | | | | |
| Portable plastic carp hatchery | | | | | | | | | | |
| Pen culture of fish and prawn | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | |
| Edible oyster farming | | | | | | | | | | |
| Pearl culture | | | | | | | | | | |
| Fish processing and value addition | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| IX Production of Inputs at site | | | | | | | | | | |
| Seed Production | | | | | | | | | | |
| Planting material production | | | | | | | | | | |
| Bio-agents production | | | | | | | | | | |
| Bio-pesticides production | | | | | | | | | | |
| Bio-fertilizer production | | | | | | | | | | |
| Vermi-compost production | | | | | | | | | | |
| Organic manures production | | | | | | | | | | |
| Production of fry and fingerlings | | | | | | | | | | |
| Production of Bee-colonies and wax sheets | | | | | | | | | | |
| Small tools and implements | | | | | | | | | | |
| Production of livestock feed and fodder | | | | | | | | | | |
| Production of Fish feed | | | | | | | | | | |
| Mushroom Production | | | | | | | | | | |
| Apiculture | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| X Capacity Building and Group Dynamics | | | | | | | | | | |
| Leadership development | | | | | | | | | | |
| Group dynamics | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | |
| Mobilization of social capital | | | | | | | | | | |
| Entrepreneurial development of farmers/youths | | | | | | | | | | |
| WTO and IPR issues | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| XI Agro-forestry | | | | | | | | | | |
| Production technologies | | | | | | | | | | |
| Nursery management | | | | | | | | | | |
| Integrated Farming Systems | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GRAND TOTAL | 19 | 286 | 20 | 306 | 279 | 59 | 338 | 565 | 79 | 644 |

Farmers' Training including sponsored training programmes (off campus)

| | | | | | | | | | | |
|---|-----------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|
| VII Plant Protection | | | | | | | | | | |
| Integrated Pest Management | 4 | 47 | 19 | 66 | 48 | 18 | 66 | 95 | 37 | 132 |
| Integrated Disease Management | 2 | 18 | 8 | 26 | 23 | 16 | 39 | 41 | 24 | 65 |
| Bio-control of pests and diseases | 1 | 0 | 0 | 0 | 36 | 36 | 72 | 36 | 36 | 72 |
| Production of bio control agents and bio pesticides | 1 | 12 | 2 | 14 | 13 | 9 | 22 | 25 | 11 | 36 |
| Others (pl specify) | | | | 0 | | | 0 | 0 | 0 | 0 |
| Total | 8 | 77 | 29 | 106 | 120 | 79 | 199 | 197 | 108 | 305 |
| VIII Fisheries | | | | | | | | | | |
| Integrated fish farming | | | | | | | | | | |
| Carp breeding and hatchery management | | | | | | | | | | |
| Carp fry and fingerling rearing | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | |
| Hatchery management and culture of freshwater prawn | | | | | | | | | | |
| Breeding and culture of ornamental fishes | | | | | | | | | | |
| Portable plastic carp hatchery | | | | | | | | | | |
| Pen culture of fish and prawn | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | |
| Edible oyster farming | | | | | | | | | | |
| Pearl culture | | | | | | | | | | |
| Fish processing and value addition | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| IX Production of Inputs at site | | | | | | | | | | |
| Seed Production | | | | | | | | | | |
| Planting material production | | | | | | | | | | |
| Bio-agents production | | | | | | | | | | |
| Bio-pesticides production | | | | | | | | | | |
| Bio-fertilizer production | | | | | | | | | | |
| Vermi-compost production | | | | | | | | | | |
| Organic manures production | | | | | | | | | | |
| Production of fry and fingerlings | | | | | | | | | | |
| Production of Bee-colonies and wax sheets | | | | | | | | | | |
| Small tools and implements | | | | | | | | | | |
| Production of livestock feed and fodder | | | | | | | | | | |
| Production of Fish feed | | | | | | | | | | |
| Mushroom Production | | | | | | | | | | |
| Apiculture | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| X Capacity Building and Group Dynamics | | | | | | | | | | |
| Leadership development | | | | | | | | | | |
| Group dynamics | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | |
| Mobilization of social capital | | | | | | | | | | |
| Entrepreneurial development of farmers/youths | | | | | | | | | | |
| WTO and IPR issues | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| XI Agro-forestry | | | | | | | | | | |
| Production technologies | | | | | | | | | | |
| Nursery management | | | | | | | | | | |
| Integrated Farming Systems | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| GRAND TOTAL | 24 | 311 | 95 | 406 | 299 | 135 | 434 | 610 | 230 | 840 |

Farmers' Training including sponsored training programmes – CONSOLIDATED (On + Off campus)

| Thematic area | No. of course | Participants | | |
|---------------|---------------|--------------|-------|-------------|
| | | Others | SC/ST | Grand Total |

| | | | | | | | | | | |
|--|-----------|------------|-----------|------------|------------|-----------|------------|------------|-----------|------------|
| Production and management technology | 1 | 21 | 8 | 29 | 4 | 0 | 4 | 25 | 8 | 33 |
| Post harvest technology and value addition | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| Total (g) | 1 | 21 | 8 | 29 | 4 | 0 | 4 | 25 | 8 | 33 |
| GT (a-g) | 10 | 161 | 26 | 187 | 113 | 14 | 127 | 274 | 40 | 314 |
| III Soil Health and Fertility Management | | | | | | | | | | |
| Soil fertility management | 2 | 35 | 3 | 38 | 13 | 11 | 24 | 48 | 14 | 62 |
| Integrated water management | | | | | | | | | | |
| Integrated Nutrient Management | 1 | 18 | 3 | 21 | 6 | 9 | 15 | 24 | 12 | 36 |
| Production and use of organic inputs | 1 | 8 | 9 | 17 | 17 | 1 | 18 | 25 | 10 | 35 |
| Management of Problematic soils | 1 | 17 | 1 | 18 | 10 | 10 | 20 | 27 | 11 | 38 |
| Micro nutrient deficiency in crops | | | | | | | | | | |
| Nutrient Use Efficiency | | | | | | | | | | |
| Balance use of fertilizers | | | | | | | | | | |
| Soil and Water Testing | 3 | 54 | 22 | 76 | 28 | 4 | 32 | 82 | 26 | 108 |
| Others (pl specify) | | | | | | | | | | |
| Total | 8 | 132 | 38 | 170 | 74 | 35 | 109 | 206 | 73 | 279 |
| IV Livestock Production and Management | | | | | | | | | | |
| Dairy Management | 3 | 15 | 7 | 22 | 65 | 20 | 85 | 80 | 27 | 107 |
| Poultry Management | 1 | 0 | 0 | 0 | 32 | 16 | 48 | 32 | 16 | 48 |
| Piggery Management | | | | | | | | | | |
| Rabbit Management | 1 | 2 | 0 | 2 | 23 | 0 | 23 | 25 | 0 | 25 |
| Animal Nutrition Management | | | | | | | | | | |
| Disease Management | | | | | | | | | | |
| Feed & fodder technology | | | | | | | | | | |
| Production of quality animal products | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| Total | 5 | 17 | 7 | 24 | 120 | 36 | 156 | 137 | 43 | 180 |
| V Home Science/Women empowerment | | | | | | | | | | |
| Household food security by kitchen gardening and nutrition gardening | | | | | | | | | | |
| Design and development of low/minimum cost diet | | | | | | | | | | |
| Designing and development for high nutrient efficiency diet | | | | | | | | | | |
| Minimization of nutrient loss in processing | | | | | | | | | | |
| Processing and cooking | | | | | | | | | | |
| Gender mainstreaming through SHGs | | | | | | | | | | |
| Storage loss minimization techniques | | | | | | | | | | |
| Value addition | | | | | | | | | | |
| Women empowerment | | | | | | | | | | |
| Location specific drudgery reduction technologies | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | |
| Women and child care | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| VI Agril. Engineering | | | | | | | | | | |
| Farm Machinery and its maintenance | | | | | | | | | | |
| Installation and maintenance of micro irrigation systems | | | | | | | | | | |
| Use of Plastics in farming practices | | | | | | | | | | |
| Production of small tools and implements | | | | | | | | | | |
| Repair and maintenance of farm machinery and implements | | | | | | | | | | |
| Small scale processing and value addition | | | | | | | | | | |
| Post Harvest Technology | | | | | | | | | | |
| Others (pl specify) | | | | | | | | | | |
| Total | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| VII Plant Protection | | | | | | | | | | |
| Integrated Pest Management | 6 | 93 | 19 | 112 | 64 | 18 | 82 | 157 | 37 | 194 |

| | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|
| Composite fish culture | | | | | | | | | | |
| Freshwater prawn culture | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | |
| Pearl culture | | | | | | | | | | |
| Cold water fisheries | | | | | | | | | | |
| Fish harvest and processing technology | | | | | | | | | | |
| Fry and fingerling rearing | | | | | | | | | | |
| Any other (pl.specify) | | | | | | | | | | |
| TOTAL | | | | | | | | | | |

Training for Rural Youths including sponsored training programmes – CONSOLIDATED (On + 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 |
| Nursery Management of Horticulture crops | | | | | | | | | | |
| Training and pruning of orchards | | | | | | | | | | |
| Protected cultivation of vegetable crops | | | | | | | | | | |
| Commercial fruit production | | | | | | | | | | |
| Integrated farming | | | | | | | | | | |
| Seed production | | | | | | | | | | |
| Production of organic inputs | | | | | | | | | | |
| Planting material production | | | | | | | | | | |
| Vermi-culture | | | | | | | | | | |
| Mushroom Production | | | | | | | | | | |
| Bee-keeping | | | | | | | | | | |
| Sericulture | | | | | | | | | | |
| Repair and maintenance of farm machinery and implements | | | | | | | | | | |
| Value addition | | | | | | | | | | |
| Small scale processing | | | | | | | | | | |
| Post Harvest Technology | | | | | | | | | | |
| Tailoring and Stitching | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | |
| Production of quality animal products | | | | | | | | | | |
| Dairying | | | | | | | | | | |
| Sheep and goat rearing | | | | | | | | | | |
| Quail farming | | | | | | | | | | |
| Piggery | | | | | | | | | | |
| Rabbit farming | | | | | | | | | | |
| Poultry production | | | | | | | | | | |
| Ornamental fisheries | | | | | | | | | | |
| Composite fish culture | | | | | | | | | | |
| Freshwater prawn culture | | | | | | | | | | |
| Shrimp farming | | | | | | | | | | |
| Pearl culture | | | | | | | | | | |
| Cold water fisheries | | | | | | | | | | |
| Fish harvest and processing technology | | | | | | | | | | |
| Fry and fingerling rearing | | | | | | | | | | |
| Any other (pl.specify) | | | | | | | | | | |
| TOTAL | | | | | | | | | | |

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 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TOTAL | | | | | | | | | | |

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 | | | | | | | | | | |
| Integrated Pest Management | 1 | 3 | 2 | 5 | 13 | 5 | 18 | 16 | 7 | 23 |
| Integrated Nutrient management | 1 | 4 | 0 | 4 | 16 | 1 | 17 | 20 | 1 | 21 |

| | | | | | | | | | | |
|---|----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Rejuvenation of old orchards | | | | | | | | | | |
| Protected cultivation technology | 1 | 5 | 0 | 5 | 12 | 4 | 16 | 17 | 4 | 21 |
| Production and use of organic inputs | | | | | | | | | | |
| Care and maintenance of farm machinery and implements | | | | | | | | | | |
| Gender mainstreaming through SHGs | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | |
| Women and Child care | | | | | | | | | | |
| Low cost and nutrient efficient diet designing | | | | | | | | | | |
| Group Dynamics and farmers organization | | | | | | | | | | |
| Information networking among farmers | | | | | | | | | | |
| Capacity building for ICT application | | | | | | | | | | |
| Management in farm animals | | | | | | | | | | |
| Livestock feed and fodder production | 1 | 3 | 1 | 4 | 20 | 3 | 23 | 23 | 4 | 27 |
| Household food security | | | | | | | | | | |
| Any other (pl.specify) | | | | | | | | | | |
| TOTAL | 4 | 15 | 3 | 18 | 61 | 13 | 74 | 76 | 16 | 92 |

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 |
| Productivity enhancement in field crops | | | | | | | | | | |
| Integrated Pest Management | | | | | | | | | | |
| Integrated Nutrient management | | | | | | | | | | |
| Rejuvenation of old orchards | | | | | | | | | | |
| Protected cultivation technology | | | | | | | | | | |
| Production and use of organic inputs | | | | | | | | | | |
| Care and maintenance of farm machinery and implements | | | | | | | | | | |
| Gender mainstreaming through SHGs | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | |
| Women and Child care | | | | | | | | | | |
| Low cost and nutrient efficient diet designing | | | | | | | | | | |
| Group Dynamics and farmers organization | | | | | | | | | | |
| Information networking among farmers | | | | | | | | | | |
| Capacity building for ICT application | | | | | | | | | | |
| Management in farm animals | | | | | | | | | | |
| Livestock feed and fodder production | | | | | | | | | | |
| Household food security | | | | | | | | | | |
| Any other (pl.specify) | | | | | | | | | | |
| TOTAL | | | | | | | | | | |

Training programmes for Extension Personnel including sponsored training programmes – CONSOLIDATED (On + 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 |
| Productivity enhancement in field crops | | | | | | | | | | |
| Integrated Pest Management | 1 | 3 | 2 | 5 | 13 | 5 | 18 | 16 | 7 | 23 |
| Integrated Nutrient management | 1 | 4 | 0 | 4 | 16 | 1 | 17 | 20 | 1 | 21 |
| Rejuvenation of old orchards | | | | | | | | | | |
| Protected cultivation technology | 1 | 5 | 0 | 5 | 12 | 4 | 16 | 17 | 4 | 21 |
| Production and use of organic inputs | | | | | | | | | | |
| Care and maintenance of farm machinery and implements | | | | | | | | | | |
| Gender mainstreaming through SHGs | | | | | | | | | | |
| Formation and Management of SHGs | | | | | | | | | | |
| Women and Child care | | | | | | | | | | |
| Low cost and nutrient efficient diet designing | | | | | | | | | | |
| Group Dynamics and farmers organization | | | | | | | | | | |
| Information networking among farmers | | | | | | | | | | |
| Capacity building for ICT application | | | | | | | | | | |
| Management in farm animals | | | | | | | | | | |
| Livestock feed and fodder production | 1 | 3 | 1 | 4 | 20 | 3 | 23 | 23 | 4 | 27 |
| Household food security | | | | | | | | | | |
| Any other (pl.specify) | | | | | | | | | | |
| TOTAL | 4 | 15 | 3 | 18 | 61 | 13 | 74 | 76 | 16 | 92 |

| | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|--|
| Sheep and goat rearing | | | | | | | | | | |
| Piggery | | | | | | | | | | |
| Poultry farming | | | | | | | | | | |
| Others (pl. specify) | | | | | | | | | | |
| Total | | | | | | | | | | |
| Income generation activities | | | | | | | | | | |
| Vermicomposting | | | | | | | | | | |
| Production of bio-agents, bio-pesticides, bio-fertilizers etc. | | | | | | | | | | |
| Repair and maintenance of farm machinery and implements | | | | | | | | | | |
| Rural Crafts | | | | | | | | | | |
| Seed production | | | | | | | | | | |
| Sericulture | | | | | | | | | | |
| Mushroom cultivation | | | | | | | | | | |
| Nursery, grafting etc. | | | | | | | | | | |
| Tailoring, stitching, embroidery, dying etc. | | | | | | | | | | |
| Agril. para-workers, para-vet training | | | | | | | | | | |
| Others (pl. specify) | | | | | | | | | | |
| Total | | | | | | | | | | |
| Agricultural Extension | | | | | | | | | | |
| Capacity building and group dynamics | | | | | | | | | | |
| Others (pl. specify) | | | | | | | | | | |
| Total | | | | | | | | | | |
| Grand Total | | | | | | | | | | |

IV. Extension Programmes

| Activities | No. of programmes | No. of farmers | No. of Extension Personnel | TOTAL |
|------------------------------------|-------------------|----------------|----------------------------|--------------|
| Advisory Services | 5 | 547 | 9 | 556 |
| Diagnostic visits | 81 | 8715 | 104 | 8819 |
| Field Day | 11 | 1112 | 34 | 1146 |
| Group discussions | 2 | 61 | 4 | 65 |
| Kisan Ghosthi | 7 | 968 | 51 | 1019 |
| Film Show | 5 | 1070 | 38 | 1108 |
| Self -help groups | | | | 0 |
| Kisan Mela | | | | 0 |
| Exhibition | 1 | 780 | 11 | 791 |
| Scientists' visit to farmers field | 82 | 9227 | 162 | 9389 |
| Plant/animal health camps | 1 | 31 | 6 | 37 |
| Farm Science Club | 1 | 15 | 4 | 19 |
| Ex-trainees Sammelan | 1 | 22 | 3 | 25 |
| Farmers' seminar/workshop | 4 | 373 | 28 | 401 |
| Method Demonstrations | 1 | 15 | 4 | 19 |
| Celebration of important days | 2 | 577 | 16 | 593 |
| Special day celebration | 1 | 96 | 2 | 98 |
| Exposure visits | 1 | 52 | 1 | 53 |
| Others (pl. specify) | 4 | 292 | 7 | 299 |
| Total | 210 | 23953 | 484 | 24437 |

Details of other extension programmes

| Particulars | Number |
|----------------------------|--------|
| Electronic Media (CD./DVD) | 1 |
| Extension Literature | 2 |
| News paper coverage | 56 |
| Popular articles | 6 |
| Radio Talks | 0 |
| TV Talks | 0 |

| | |
|--|------------|
| Animal health amps (Number of animals treated) | 395 |
| Others (pl. specify) Swachhata Pakhwara | 273 |
| Total | 733 |

| Name of KVK | Message Type | Type of Messages | | | | | | Total |
|-------------|---------------------------------|------------------|-----------|-----------|-----------|------------|------------------|------------|
| | | Crop | Livestock | Weather | Marketing | Awareness | Other enterprise | |
| DUNGARPUR | Text only | 26 | 5 | 1 | 0 | 37 | 4 | 73 |
| | Voice only | | | | | | | |
| | Voice & Text both | | | | | | | |
| | Total Messages | 26 | 5 | 1 | 0 | 37 | 4 | 73 |
| | Total farmers Benefitted | 154 | 27 | 86 | 0 | 189 | 91 | 547 |

V. DETAILS OF TECHNOLOGY WEEK CELEBRATIONS

| Number of KVKs organized Technology Week | Types of Activities | No. of Activities | Number of Participants | Related crop/livestock technology |
|--|---|-------------------|------------------------|-----------------------------------|
| | Gosthies | | | |
| | Lectures organised | | | |
| | Exhibition | | | |
| | Film show | | | |
| | Fair | | | |
| | Farm Visit | | | |
| | 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 | Barley | RD 2786 | | 25.10 | 50200 | |
| Oilseeds | | | | | | |
| Pulses | Blackgram | Pratap Urd 1 | | 30.33 | 229750 | |
| | Gram | GNG 1958 | | 65.10 | 411187 | |
| Commercial crops | | | | | | |
| Vegetables | | | | | | |
| Flower crops | | | | | | |
| Spices | | | | | | |
| Fodder crop seeds | | | | | | |
| Fiber crops | | | | | | |
| Forest Species | | | | | | |
| Others | | | | | | |
| Total | | | | 120.53 | 691137 | |

*estimated

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 | Chilli | Vashanivi | | 28387 | 42581 | 397 |
| | Tomato | Dev | | 9892 | 14838 | 173 |
| | Brinjal | Chhaya | | 6655 | 9983 | 163 |
| | Cole crops | F1 | | 150 | 225 | 4 |
| Fruits | Papaya | Red lady 786 | | 3759 | 75180 | 322 |
| | Lime | Kagzi | | 603 | 21105 | 271 |
| | Mango | Mallika, Dashehari | | 403 | 16120 | 124 |
| | Jackfruit | Local Selection | | 681 | 13620 | 197 |
| | Jamun | Local Selection | | 370 | 7400 | 93 |
| Ornamental plants | Rose | Puskar | | 112 | 2240 | 52 |
| Medicinal and Aromatic Plantation | | | | | | |
| Spices | | | | | | |
| Tuber | | | | | | |
| Fodder crop saplings | | | | | | |
| Forest Species | | | | | | |
| Others | Anola Candy | NA 7 | | 33.5kg | 6700 | 18 |
| | Anola Fruit | NA 7 | | 1095 kg | 16425 | 38 |
| Total | | | | 51012 | 226417 | 1852 |

Production of Bio-Products

| Bio Products | Name of the bio-product | Quantity (Kg) | Value (Rs.) | No. of Farmers |
|-----------------|-------------------------|---------------|--------------|----------------|
| Bio Fertilisers | | | | |
| Bio-pesticide | | | | |
| Bio-fungicide | | | | |
| Bio Agents | Azolla | 6 | 450 | 2 |
| Others | Vermicompost | 974 | 6818 | 10 |
| | Worms culture | 267 | 26700 | 102 |
| Total | | 1247 | 33968 | 114 |

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 | | | | |
| Female | Sirohi | 61 | 361726 | 41 |
| Male (Buck) | Sirohi | 6 | 54000 | 6 |
| Poultry | | | | |
| 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 | | 67 | 415726 | 47 |

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 | 604 | 604 | 9 | 15100 | 604 |
| Water | | | | | |
| Plant | | | | | |
| Manure | | | | | |
| Others (pl.specify) | | | | | |
| Total | 604 | 604 | 9 | 15100 | 604 |

VIII. SCIENTIFIC ADVISORY COMMITTEE

| Name of KVK | Date of SAC Meeting | Participants |
|-------------|---------------------|--------------|
| Dungarpur | 14.09.2018 | 29 |

IX. NEWSLETTER/MAGAZINE

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

X. PUBLICATIONS

| Category | Number |
|--------------------------------|--------|
| Research Paper | 3 |
| Technical bulletins | |
| Technical reports | 7 |
| Others (pl. specify): Abstract | 5 |
| Leaflet/Folder | 2 |

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

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

XII. INTERVENTIONS ON DISASTER MANAGEMENT/UNSEASONAL RAINFALL/HAILSTORM/COLD WAVES ETC.

Introduction of alternate crops/varieties

| Crops/cultivars | Area (ha) | Extent of damage | Recovery of damage through KVK initiatives if any |
|-----------------|-----------|------------------|---|
| | | | |
| Total | | | |

Major area coverage under alternate crops/varieties

| Crops | Area (ha) | Number of beneficiaries |
|-----------------|-----------|-------------------------|
| Oilseeds | | |
| Pulses | | |
| Cereals | | |
| Vegetable crops | | |
| Tuber crops | | |
| Total | | |

Farmers-scientists interaction on livestock management

| Livestock components | Number of interactions | No. of participants |
|-------------------------|------------------------|---------------------|
| Green fodder production | 1 | 53 |
| Total | 1 | 53 |

Animal health camps organised

| Number of camps | No. of animals | No. of farmers |
|-----------------|----------------|----------------|
| 1 | 395 | 32 |
| Total | 395 | 32 |

Seed distribution in drought hit states

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

Large scale adoption of resource conservation technologies

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

Awareness campaign

| | 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 |
| 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 |
|-----------------|--|------------------|---------------------|----------------------|
| MPUAT, Udaipur | Bio Safety capacity building | 1 | 1 | |
| | Attend to Short Course on "Recent Plant Health Techniques in Plant Protection" | 1 | 1 | |
| | Asian Regional Goat Conference | 1 | 1 | |
| | Role of precision farming in urban and peri-urban horticulture in the era of urbanization | 1 | 2 | |
| | Awareness Programme on "Better Institutional Work Environment and Competing Values for Optimal Performance of Employees" | 1 | 2 | |
| | Participated in training "Advances in renewable energy in mitigating climate change" | 1 | 2 | |
| | National Seminar on Extension Strategies for doubling the farmer's income for livelihood security | 1 | 1 | |
| Total | | 7 | 10 | |

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 |
|---|------------------|---------------------|----------------------|
| Attend on Group meeting on Pulses Production Technology | 1 | 1 | |
| Orientation training on DAMU | 1 | 1 | |

| | | | |
|---|----------|----------|--|
| Production technology of Oilseed under NFSM | 1 | 1 | |
| Total | 3 | 3 | |

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

- a) *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*
- b) *Performance of the end results of any one technology assessed and its impact in district agriculture with respect to that crop or enterprise*
- c) *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: Dungarpur

TITLE: 1. Onion fetched better returns for farmers in Dungarpur

Introduction: Onion (*Allium cepa* L) is one of the important commercial vegetable crops grown in India for both domestic consumption and export, In Dungarpur district of Rajasthan, onion plays major role in supplementing the income of farmers. The productivity of onion in the district is much lower (50.0q/ha) than the state (173.96q/ha) and national average (170.0q/ha), mainly because of delayed in seed sowing (nursery raising) and non-availability of high yielding varieties particularly suitable for *Rabi* season.

KVK intervention: In this regards, KVK, Dungarpur carried out front line demonstrations to popularization of NHRDF Red 3 variety in *Rabi* season in the Jaspur and Leelwasa villages of Aspur block. Farmers came forward to start onion cultivation

Output: In 2017-18, KVK, Dungarpur was supplied seed of NHRDF Red 3 in 40 ha area to 80 farmers. The nursery was raised on raised bed method in the mid October and transplanted in the last week November under the guidance of KVK scientists. All the recommended package of practice was adopted for successful cultivation of the crop. KVK scientists were facilitated in performing the field operations like sowing, manuring, spraying, weeding, harvesting, curing, grading, packing, marketing etc, during the course of training and visits.

Outcome

The farmers of Jaspur and Leelwasa villages of Aspur block harvested onion with NHRDF Red 3, 262-281q/ha and earned Rs.141400-154700/ha as compared to local check (N-53) harvested 185-198q/ha earned only Rs.89500-98600/ha.



NHRDF Red-3 variety produced good size of bulbs, attractive shape, colour, skin, better yield and market preference compared to other varieties. Hence it can be concluded from frontline demonstration that, by adoption of NHRDF Red 3 variety during Rabi season, yield potentiality of onion can be increased to a greater extent.

Impact: The farmers of Jaspur and Leelwasa villages of Aspur block have opted cultivation of onion variety NHRDF Red 3 as they are fully confident of bonus yield and monetary gains from onion. The innovative message has spread in neighboring villages and around 150ha onion is being cultivated during current season in cluster of 4-5 villages in the Aspur block.

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KVK intervention -

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ifjp; %&tutkfr cgqy Mwaxjiqj ftys ds vf/kdka'k d`"kd y?kq ,oa lhekUr Js.kh esa vkrs gS] ftuds ikl Hkwfe dh deh ds lkFk flapkbZ ds lk/ku ,oa vU; ewyHkwr lqfo/kkvksa dk vHkko jgrk gS] ,sls esa muds lkeus vkthfodk lqj{kk ij ladV jgrk gS] ftlds pyrs vf/kdka'k d`"kd iMkSlh jkT; xqtjkr esa etnqjh gsrq iyk;u djrs gSA budh vkthfodk lqj{kk gsrq e-iz-d`- ,oa izks- fo'ofokj;] mn;iqj }kjk o"kZ 2016&17 ,oa 2017&18 esa eqxhZ dh izrki/ku fodflr uLy tks f}iz;kstuh gksus ds lkFk&lkFk ?kj vkaxu esa eqxhZikyu gsrq mi;qDr jgrh gSA d`f"k foKku dsUnz Mwaxjiqj }kjk ftys ds bu y?kq ,oa lhekUr d`"kdksa dks vkthfodk lqj{kk gsrq mDr uLy dh eqxhZ;ksa dh bdkbZ;ka miyC/k djokbZ xbZ] ftlds vUrxZr foxr nks o"kksZa esa fofHkUu ;kstukvksa ds ek;/e ls 100 d`"kdksa dks ykHkkfUor fd;k x;kA

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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 | 19,65,063.17 | 23,95,591 | 14,68,076 | 28,92,578.17 |

| | | | | |
|--------------------------|--------------|-----------|-----------|--------------|
| April 2017 to March 2018 | 28,92,578.17 | 15,30,375 | 6,52,017 | 37,70,936.17 |
| April 2018 to March 2019 | 37,70,936.17 | 31,93,283 | 29,82,571 | 39,81,649.17 |

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. |