

**Monthly Assessment Report for the Month of February -2019**  
(1<sup>st</sup> day to last day of the month)

Name of the KVK: **DORU ANANTNAG SKAUST-K, SHALIMAR**

**1. Details of On Farm Trials (OFT) - 03**

| S. No | Title of OFT  | Crop/ (Variety) | Date of start | Date of completion | Area (ha)/ No                  | Achievements   |   |      |   |        |   |       |   |
|-------|---|-----------------|---------------|--------------------|--------------------------------|----------------|---|------|---|--------|---|-------|---|
|       |   |                 |               |                    |                                | No. of Farmers |   |      |   |        |   |       |   |
|       |   |                 |               |                    |                                | SC/ST          |   | OB C |   | Others |   | Total |   |
|       |   |                 |               |                    |                                | M              | F | M    | F | M      | F | M     | F |
| 1.    | Comparison of improved varieties of backyard poultry birds (Vanraja, Kuroiler, Chabro and RIR) with local desi birds. | Poultry         | 01-08-2018    | Continuing         | 400                            | -              | - | -    | - | 40     | - | 40    | - |
| 2.    | Biofortification of vermicompost  | Vermicomposting | 01-06-2018    | Concluded          | Vermi beds of size (3×8) feet. | -              | - | -    | - | 02     | - | 02    | - |
| 3.    | Fertilizer scheduling in paddy through STFR (Soil Testing and Fertilizer Recommendation) Meter.                       | Paddy           | 02-05-2018    | Concluded          | 0.6                            | -              | - | -    | - | 03     | - | 03    | - |
| 4.    | Modified System of Rice Intensification for Higher Productivity   | Paddy           | 15-05-2018    | Concluded          | 0.1                            | -              | - | -    | - | 02     | - | 02    | - |
| 5.    | Management of russeting in Apple  | Apple           | 24-04-2018    | Concluded          | 45 (15 trees/ location)        | -              | - | -    | - | 03     | - | 03    | - |

|    |   |                               |            |            |                         |   |   |   |   |    |   |    |   |
|----|---|-------------------------------|------------|------------|-------------------------|---|---|---|---|----|---|----|---|
| 6. | Effect of different sources and time of application of Boron on fruit set in apple          | Apple                         | 05-04-2018 | Concluded  | 45 (15 trees/ location) | - | - | - | - | 03 | - | 03 | - |
| 7. | Integrated management of Root rot in Apple  | Apple                         | 10-04-2018 | Concluded  | 45 (15 trees/ location) | - | - | - | - | 03 | - | 03 | - |
| 8. | Urea Molasses Mineral Block-a cost effective feed supplement for increasing milk production | Cattle                        | 01-05-2018 | Continuing | 10                      | - | - | - | - | 05 | - | 05 | - |
| 9  | Management of pre-harvest Fruit drop in Apple   | Apple                         | 25-08-2018 | Concluded  | 45 (15 trees/ location) | - | - | - | - | 03 | - | 03 | - |
| 10 | Construction of Zero Energy Cool Chamber  | Apple and Seasonal Vegetables | 12-10-2018 | Continuing | 2 chambers/units        | - | - | - | - | 02 | - | 02 | - |
| 11 | In package use of ethylene absorbents for shelf-life extension of Apples                    | Apple                         | 19-10-2018 | Concluded  | 3 Boxes /samples        | - | - | - | - | 03 | - | 03 | - |

## 2 Details of Frontline Demonstrations (FLDs) - 03

| Crop (Variety)       | Title of FLD   | Date of start | Date of completion | Achievements |                |   |     |   |        |   |       |   |
|----------------------|--|---------------|--------------------|--------------|----------------|---|-----|---|--------|---|-------|---|
|                      |  |               |                    | Area (ha)/No | No. of Farmers |   |     |   |        |   |       |   |
|                      |  |               |                    |              | SC/ST          |   | OBC |   | Others |   | Total |   |
| M                    | F  | M             | F                  | M            | F              | M | F   | M | F      |   |       |   |
| <b>Oilseeds</b>      | Introduction of Shalimar Brown Sarson-1 together with ICM practice | 10-10-2018    | Continuing         | 10 ha        | -              | - | -   | - | 50     | - | 50    | - |
| <b>Pulses</b>        | Scientific cultivation of local Rajmash as intercrop with maize    | 12-06-2018    | Concluded          | 1.2 ha       | -              | - | -   | - | 06     | - | 06    | - |
| <b>Fodder (Oats)</b> | Varietal introduction of Shalimar fodder oat-1                     | 15-10-2018    | Continuing         | 1.25 ha      | -              | - | -   | - | 25     | - | 25    | - |

|                            |  |            |            |   |   |    |   |   |    |    |    |    |
|----------------------------|--|------------|------------|---|---|----|---|---|----|----|----|----|
| <b>Poultry</b>             | Impact of Backyard poultry on household nutrition of poor families.  | 01-08-2018 | Continuing | 100 Birds   | - | -  | - | - | 10 | -  | 10 | -  |
| <b>Dairy</b>               | Prevention and treatment of mastitis in dairy cattle   | 13-06-2018 | Concluded  | 10 cows   | - | -  | - | - | 10 | -  | 10 | -  |
| <b>Vermicompost</b>        | FLD on preparation of vermicomposting beds   | 24-11-2017 | Concluded  | Size of vermicompost unit (12×10) feet comprising of three beds | - | -  | - | - | 10 | -  | 10 | -  |
| <b>Horticultural crops</b> | • Adoption and assessment of SKUAST-K recommended spray schedule   | 12-03-2018 | Concluded  | 0.4ha   | - | -  | - | - | 05 | -  | 05 | -  |
|                            | • Effect of different sources & concentrations of Calcium & Boron on yield & quality of Apple                      | 09-04-2018 | Concluded  | 1 ha (225 trees)  | - | -  | - | - | 05 | -  | 05 | -  |
|                            | • Scheduling of nutrient management of fruit bearing apple plants (16 & above) on the basis of soil and leaf test. | 05-03-2018 | Concluded  | 1 ha (225 trees)  | - | -  | - | - | 05 | -  | 05 | -  |
|                            | • Value addition of Tomato   | 07-08-2018 | Concluded  |   | - | 03 | - | - | -  | -  | -  | 03 |
|                            | • Use of ethephon for dehulling of walnut  | 01-10-2018 | Concluded  |   | - | -  | - | - | -  | 03 | -  | 03 |
|                            | • Value addition of Apple (jam preparation)  | 29-10-2018 | Concluded  |   | - | -  | - | - | -  | 03 | -  | 03 |
| <b>Cereal Crops</b>        | • ICM practices  | 01-        |            |   | - | -  | - | - | 07 | -  | 07 | -  |

|         |   |         |           |        |  |  |  |  |  |  |  |  |  |  |
|---------|---|---------|-----------|--------|--|--|--|--|--|--|--|--|--|--|
| (Maize) | in Maize Composite Shalimar Kishen Ganga-2 (KG-2) | 06-2018 | Concluded | 1.3 ha |  |  |  |  |  |  |  |  |  |  |
|---------|---|---------|-----------|--------|--|--|--|--|--|--|--|--|--|--|

### 2.1 Field days/Kisan Gosthis organized under FLDs during the reported month -00

| Name of Activity | No. of Activity | Achievements   |   |     |   |        |   |       |   |
|------------------|-----------------|----------------|---|-----|---|--------|---|-------|---|
|                  |                 | No. of Farmers |   |     |   |        |   |       |   |
|                  |                 | SC/ST          |   | OBC |   | Others |   | Total |   |
|                  |                 | M              | F | M   | F | M      | F | M     | F |
| Field Day        | -               | -              | - | -   | - | -      | - | -     | - |
| Kisan Gosthi     | -               | -              | - | -   | - | -      | - | -     | - |

### 2.2 Diagnostic Services during the reported month –80

| Particulars                         | No. of visits | Achievements   |    |     |   |        |    |       |    |
|-------------------------------------|---------------|----------------|----|-----|---|--------|----|-------|----|
|                                     |               | No. of Farmers |    |     |   |        |    |       |    |
|                                     |               | SC/ST          |    | OBC |   | Others |    | Total |    |
|                                     |               | M              | F  | M   | F | M      | F  | M     | F  |
| Scientists visit to farmers' fields | 100           | 15             | 15 | -   | - | 50     | 20 | 65    | 35 |
| Farmer's visit to KVK               | 50            | -              | -  | -   | - | 40     | 10 | 40    | 10 |

### 3. Trainings conducted during the reported month: 03

| S. No. | Trainees | Title of the training  | Date       | No. of Participants |   |     |   |        |   |       |   |
|--------|----------|--|------------|---------------------|---|-----|---|--------|---|-------|---|
|        |          |  |            | SC/ST               |   | OBC |   | Others |   | Total |   |
|        |          |  |            | M                   | F | M   | F | M      | F | M     | F |
|        |          | Awareness cum training programme on techniques of collecting scion wood                    | 09-02-2019 | -                   | - | -   | - | 24     | - | 24    | - |
|        |          | Propagation techniques in stone and nut fruits   | 23-02-2019 | -                   | - | -   | - | 30     | - | 30    | - |
|        |          | Monitoring of backyard poultry birds under FLD/OFTs and necessary management during winter | 08-02-2019 | -                   | - | -   | - | 10     | 5 | 10    | 5 |

### 4. Skill Development Programme (16 hours and less than 200 hours) conducted during the reported month: 00

| S. No. | Title of the Training | Date | No. of days | No. of Participants |   |     |   |        |   |           |   |       |   |
|--------|-----------------------|------|-------------|---------------------|---|-----|---|--------|---|-----------|---|-------|---|
|        |                       |      |             | SC/ST               |   | OBC |   | Others |   | Handic ap |   | Total |   |
|        |                       |      |             | M                   | F | M   | F | M      | F | M         | F | M     | F |
|        |                       |      |             |                     |   |     |   |        |   |           |   |       |   |

**4.1 Skill Development Programme (200 hours and above) conducted during the reported month: 02**

| S. No. | Title of the Training | Date | No. of days | No. of Participants |   |     |   |        |   |          |   |       |   |  |
|--------|-----------------------|------|-------------|---------------------|---|-----|---|--------|---|----------|---|-------|---|--|
|        |                       |      |             | SC/ST               |   | OBC |   | Others |   | Handicap |   | Total |   |  |
|        |                       |      |             | M                   | F | M   | F | M      | F | M        | F | M     | F |  |
|        |                       |      |             |                     |   |     |   |        |   |          |   |       |   |  |

**5. Other extension activities carried out during the reported month**

| Activity   | No. | Achievements   |   |     |   |        |    |       |    | Extension personnel |    |
|--|-----|----------------|---|-----|---|--------|----|-------|----|---------------------|----|
|  |     | No. of farmers |   |     |   |        |    |       |    |                     |    |
|  |     | SC/ST          |   | OBC |   | Others |    | Total |    | M                   | F  |
|  |     | M              | F | M   | F | M      | F  | M     | F  | M                   | F  |
| Exposure visits of farmers by KVK to other place | 01  | -              | - | -   | - | 50     | -  | 50    | -  | 20                  | 5  |
| Exposure visits of farmers at KVK                | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |
| Animal camps                                     | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |
| Agricultural camps                               | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |
| Other result / method demonstrations             | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |
| Extension literature distributed                 | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |
| Kisan gosthi (other than FLDs)                   | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |
| Field Days (other than FLDs)                     | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |
| Farmer scientist interaction                     | 01  | -              | - | -   | - | 50     | -  | 50    | -  | 10                  | -  |
| Lecture delivered                                | 01  | -              | - | -   | - | 60     | -  | 60    | -  | 5                   | -  |
| Exhibitions                                      | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |
| Film show  | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |
| Kisan Mela                                       | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |
| TV talk  | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |
| Radio talk                                       | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |
| Publications                                     | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |
| Extension literature                             | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |
| Magazines/Newsletters                            | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |
| Papers/Articles                                  | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |
| Reports  | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |
| Press releases                                   | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |
| Advisory via mobile/M-Kisan                      | -   | -              | - | -   | - | 200    | 10 | 200   | 10 | 10                  | 10 |
| Technology Week                                  | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |
| Important days                                   | -   | -              | - | -   | - | -      | -  | -     | -  | -                   | -  |

**6. Other activities during the reported month. Nil**

| Particular                                   | Achievements |
|--|--------------|
| Training received by staff of KVK (No.)      | -            |
| Revenue generated from sale of produce (Rs.) | -            |

### 7. Details of samples analyzed during the reported month: NIL

| Details                 | Through Soil Water lab |                |                 |                       | Through Mini Soil Water lab Kit |                |                 |                       |
|-------------------------|------------------------|----------------|-----------------|-----------------------|---------------------------------|----------------|-----------------|-----------------------|
|                         | No.                    | No. of Farmers | No. of Villages | Amount realized (Rs.) | No.                             | No. of Farmers | No. of Villages | Amount realized (Rs.) |
| Soil Samples tested     | NA                     |                |                 |                       |                                 |                |                 |                       |
| Soil Health card issued |                        |                |                 |                       |                                 |                |                 |                       |
| Water Sample analyzed   |                        |                |                 |                       |                                 |                |                 |                       |
| Any other               |                        |                |                 |                       |                                 |                |                 |                       |

### 8. Messages sent through M-Kisan Portal during the reported month: NIL

|       |                        |                                 |               | Mobile Advisory  |           |         |           |           |                  |           |
|-------|------------------------|---------------------------------|---------------|------------------|-----------|---------|-----------|-----------|------------------|-----------|
| S.No. | No. of farmers Covered | No. of Advisories issued (Text) | Voice message | Type of messages |           |         |           |           |                  |           |
|       |                        |                                 |               | Crop             | Livestock | Weather | Marketing | Awareness | Other enterprise | Any other |
| 1.    |                        |                                 |               |                  |           |         |           |           |                  |           |
| 2.    |                        |                                 |               |                  |           |         |           |           |                  |           |
| 3.    |                        |                                 |               |                  |           |         |           |           |                  |           |

### 9. Crop-wise seed produced during the reported month: NIL

| Crop      | Variety | Quantity (in quintals) | No. of farmers |     |        |       |
|-----------|---------|------------------------|----------------|-----|--------|-------|
|           |         |                        | SC/ST          | OBC | Others | Total |
| Cereals   |         |                        |                |     |        |       |
| Oilseed   |         |                        |                |     |        |       |
| Pulses    |         |                        |                |     |        |       |
| Fodder    |         |                        |                |     |        |       |
| Any other |         |                        |                |     |        |       |

### 10. Crop-wise saplings produced during the reported month: NIL

| Crop                | Variety | Quantity (in Numbers) | No. of farmers |     |        |       |
|---------------------|---------|-----------------------|----------------|-----|--------|-------|
|                     |         |                       | SC/ST          | OBC | Others | Total |
| Vegetables Seedling |         |                       |                |     |        |       |
| Fruits              |         |                       |                |     |        |       |
| Flowers             |         |                       |                |     |        |       |
| Fodder              |         |                       |                |     |        |       |

|           |  |  |  |  |  |  |
|-----------|--|--|--|--|--|--|
| Any other |  |  |  |  |  |  |
|-----------|--|--|--|--|--|--|

**11. Live-stock strains and finger lings produced (in lakh) during the reported month: NIL**

| Sr. No. | Particulars | No. of farmers |     |        |       |
|---------|-------------|----------------|-----|--------|-------|
|         |             | SC/ST          | OBC | Others | Total |
|         |             |                |     |        |       |
|         |             |                |     |        |       |
|         |             |                |     |        |       |

**12. A. Details of programmes conducted in soil health during the reported month**

| S. No. | Activity/Action Plan   | No. of Programmes | No. of Participants | Thematic Areas/agri enterprises/proven technologies/crops, animal etc. |
|--------|--|-------------------|---------------------|--|
| 1.8    | Interventions of KVK having soil testing facility to provide technological backstopping on soil health cards to Agriculture Departments at district level. | NIL               | NIL                 | NIL  |
|        | a) Training to extension personnel   | -                 | -                   | -  |
|        | b) Advisories to farmers   | -                 | -                   |  |
|        | c) Any other intervention (please specify)   |                   |                     |  |
| 2.     | Training of Rural youths/farmers in the soil and water management at KVKs  | -                 | -                   |  |
| 3.     | Training on collection of soil samples to  |                   |                     |  |
|        | a) Farmers   | -                 | -                   |  |
|        | b) Extension personnel   |                   |                     |  |
| 4.     | Training of farmers on   |                   |                     |  |
|        | a) Balanced use of fertilizer  | -                 | -                   |  |
|        | b) Integrated Nutrient Management  | -                 | -                   |  |
|        | c) Liquid Fertilizer   |                   |                     |  |

**12.B: Other activities**

| S. No. | Activity/Action Plan | No. of Programmes | No. of Participants | Thematic Areas/agri enterprises/proven technologies/crops, |
|--------|----------------------|-------------------|---------------------|--|
|        |                      |                   |                     |  |

|    |   |    |    |  |
|----|---|----|----|--|
|    |   |    |    | animal etc.  |
| 1. | Animal husbandry programmes/technologies including feeding & management of animals training programme organized | 04 | 50 | <ul style="list-style-type: none"> <li>• Awareness and treatment of chronic respiratory diseases in backyard poultry birds.</li> <li>• Diagnosis and treatment of mange in sheep</li> <li>• Diagnosis and treatment of milk fever in cow.</li> <li>• Parasitic infestation in cows and hieifers</li> </ul> |
|    | Resource Conservation   |    |    |  |
|    | a) Demonstration on water conservation  | -  | -  | -  |
|    | b) Demonstration on micro irrigation  | -  | -  | -  |
| 2. |   |    |    |  |

### 13. Direct Benefit Transfer scheme for the Farmers by KVKs during the month.

| S. No. | Parameter   | Value (In Rs.)/<br>Number |
|--------|---|---------------------------|
| 1.     | Overall budget for FY Year 2018-19<br><b>Budget excluding salary component from KVK</b>                     | NA                        |
| 2.     | DBT Applicable Component (OFT, FLD, Training & other extension activities) fund allocation during the month | NA                        |
| 3.     | Total No. of Beneficiaries Received funds in kind during the month  | NA                        |
| 4.     | No. of Beneficiaries records digitized  | NA                        |
| 5.     | No. of Aadhar authenticated beneficiaries from total number of farmers mentioned during the month           | NA                        |
| 6.     | No. of Beneficiaries having Mobile No. from total number of farmers mentioned during the month              | NA                        |

### 14. Swachh bharat Abhiyan

#### A) Activities undertaken under Swachh Bharat Abhiyan during the month

| S. No. | Action point                                     | Activities undertaken<br>(Describe in bullet form only) |
|--------|--|---|
| 1.     | Basic maintenance                                | -   |
| 2.     | Sanitation and SWM                               | -   |
| 3.     | Cleaning and beautification of surrounding areas | 01  |



|    |  |    |
|----|--|----|
| 4. | Vermicomposting/composting of biodegradable waste management | 01 |
| 5. | Used water for agriculture/ horticulture application         | -  |
| 6. | Swachhata awareness at local level                           | -  |
| 7. | Any other (mention the activities)                           | -  |

**B) Total Expenditure under Swachh Bharat Abhiyan during the month** (Any activity undertaken by KVK towards maintaining cleanliness should be reported towards expenditure on Swachh Bharat Action Plan).

| S. No.    | Particulars   | Expenditure (Rs) |
|-----------|---|------------------|
| <b>1.</b> | <b>Up-keeping of office and residential campus</b>  | <b>NA</b>        |
| 2.        | House-keeping of KVK Guest House and other such facilities  | NA               |
| 3.        | Up-keeping of KVK farm  | NA               |
| 4.        | Recycling of waste material towards reducing garbage and maintaining cleanliness, composting, etc.                  | NA               |
| 5.        | Expenditure related to any other activity that is taken-up by KVK towards cleanliness, maintenance, white wash, etc | NA               |
|           | <b>Total</b>  | NA               |

## 15. Important events conducted by your KVK during the reported month

### (I) Brief Report

3-days sponsored training programme in collaboration with Deptt. of Floriculture was conducted benefitting 60 flower growers of District Anantnag fro, 12 to 14 Feb 2019.





## B. Inauguration of PM-Kissan Samman Scheme

PM-Kissan Samman Scheme was inaugurated by Honourable DC and other officers from line department and KVK scientists on 24-02-2019 at Dak Bunglow Anantnag.

