



ABSTRACT

Agriculture and Farmers Welfare – Implementation of Rainfed Area Development (RAD) component of RKVY-RAFTAAR for the year 2022-23 – Administrative Sanction for a Sum of Rs.4900.00 lakh and Financial Sanction for a Sum of Rs.1202.36 lakh – Permission to utilize Rs.400 lakh of Administrative funds for implementation of RAD Scheme components – Orders – Issued.

AGRICULTURE AND FARMERS WELFARE (AP5) DEPARTMENT

G.O. (Ms) No.227

Dated: 21.09.2022.

திருவள்ளூர் ஆண்டு, 2053,
சுபகிருது, புரட்டாசி 04-ஆம் நாள்.
Read:

1. G.O.(Ms)No.155, Agriculture and Farmers Welfare(AP.5) Department, dated 22.10.2021.
2. Announcement made by the Hon'ble Minister for Agriculture and Farmers Welfare during the Budget Speech, dated 19.03.2022.
3. G.O.(Ms) No.74, Agriculture and Farmers Welfare(AP.5) Department, dated 30.03.2022.
4. Government of India, Ministry of Agriculture and Farmers Welfare, Department of Agriculture and Farmers Welfare (RFS Division), Shastri Bhawan, New Delhi, F.No.1-1/2020-RFS-III(82632), dated: 12.04.2022.
5. Government of India, Ministry of Agriculture and Farmers Welfare, Department of Agriculture and Farmers Welfare (RFS Division), Shastri Bhawan, New Delhi, F.No.1-25/2018-RFS-III (pt), dated: 04.07.2022.
6. Government of India, Ministry of Agriculture and Farmers Welfare, Department of Agriculture and Farmers Welfare (RFS Division), Krishi Bhawan, New Delhi, F.No.1-25/2018-RFS-III (pt), dated: 22.08.2022 (3 letters).
7. The Director of Agriculture, Chennai, letter No.GOI-1/123074/2022, dated: 28.08.2022.
8. The Director of Horticulture and Plantation Crops, letter No. GOI/ 6036/ 2021, dated: 01.09.2022.
9. The Executive Director, Tamil Nadu Watershed Development Agency, letter No.850/TAWDEVA/NMSA/ 2022, dated 05.09.2022 and 12.09.2022 along with its enclosures.

ORDER:

In the Government Order 1st read above the Government accorded administrative sanction for Rs.5000 lakh and financial sanction for

[P.T.O]

Rs.2278.75 lakh [Rupees Twenty two crore seventy eight lakh and seventy five thousand only] [GoI share Rs.1367.25 lakh + State share Rs.911.50 lakh (excluding TAWDEVA'S *admn. fund Rs.124.52 lakh; Rs.59.22 lakh and Rs.37.50 lakh pertaining to Directorate of Animal Husbandry and Veterinary Services and Directorate of Sericulture respectively)] as first instalment and in the Government Order 3rd read above the Government accorded financial sanction for Rs.1326.38 lakh for the implementation of Rainfed Area Development Component under National Mission for Sustainable Agriculture to be implemented by the Departments of Agriculture and Horticulture and Plantation Crops. Out of the total administrative sanction of Rs.5000 lakh given, based on the Government of India release financial sanction was accorded only for Rs.3750 lakh leaving a committed liability of Rs.1000 lakh for the four implementing departments.

2. During the Agriculture and Farmers Welfare Budget Speech 2022-2023, the Hon'ble Minister for Agriculture and Farmers Welfare has made the following announcement among others on the floor of the Assembly:-

"The **Integrated Farming System (IFS)** will be demonstrated with cultivation of crops and Fodder along with rearing of Milch cow, Goats or Sheep and Poultry Birds, cultivation of Tree crops, apiary, Vermi-compost production and Nutri-garden, by providing an assistance of Rs.50,000/- for each IFS unit. During 2022-23, 13,000 IFS units will be established at an outlay of Rs.65.65 crore with Union and State Government fund."

3. In this regard, in the letter 4th read above, Government of India have allocated an amount of Rs.3000 lakh as Central share for the Implementation of Rainfed Area Development component of RKVY-RAFTAAR for 2022-23 and in the letter 5th read above, Government of India have approved the Annual Action Plan for an outlay of Rs.5120 lakh (Central Share Rs.3072 lakh + State Share Rs.2048 lakh) under RAD component of RKVY-RAFTAAR for the year 2022-23. In the letter 6th read above the Government of India have released an amount of Rs.750 lakh as first instalment and the corresponding State share for the first instalment release is Rs.500 lakh. The total first instalment release works out to Rs.1250 lakh under RKVY-RAFTAAR - Rainfed Area Development Component (RAD) for the year 2022-23. The Executive Director, Tamil Nadu Watershed Development Agency has mentioned about the committed liability pertaining to RAD for the year 2021-22 of Rs.1000 lakh and requested the Government of India to adjust the same from the allocation made for the year 2022-23. Hence, after adjusting the committed liability of Rs.1000 lakh from the 1st instalment release (Rs.1250 lakh) of Government of India under RKVY-RAFTAAR-RAD for the year 2022-23, there is a balance of Rs.250 Lakh for sanction towards Annual Action Plan of 2022-23.

4. In the letter 9th read above, the ED, TAWDEVA has stated that Tamil Nadu Watershed Development Agency (TAWDEVA) as the Single Nodal Agency for the Rainfed Area Development (RAD) scheme maintains the RAD admin fund in the TAWDEVA RAD-SNA account. At present, Rs.5.7 crore (includes previous years' admin fund) of admin fund is available with TAWDEVA. While the implementing departments are awaiting balance funds pertaining to the year 2021-22 for pending liabilities, only 25% out of total allocation of Rs.5000 lakh i.e. Rs.1250 lakh has been released by GoI as first instalment for the year 2022-23. Since, considerable admin funds are available in TAWDEVA admin account, the Executive Director, Tamil Nadu Watershed Development Agency, letter dated 11.08.2022, a request has been sent to Government of India to grant permission to allocate Rs.400 lakh from the previous year RAD-admin fund available with TAWDEVA. Hence, the remaining amount of Rs.250 lakh from the first instalment of 2022-23 along with Rs.400 lakh (diverted from the previous years' RAD admin funds available with TAWDEVA) works out to Rs.650 lakh which is proposed to be allocated among the implementing departments under RKVY- RAFTAAR- RAD for implementing the components approved for the year 2022-23. The Executive Director, Tamil Nadu Watershed Development Agency has also stated that all the RAD implementing departments were requested to send the Head of Account proposals based on the allocation of committed liability of Rs.1000 lakh for the 2021-22 and 1st instalment release of Rs.650 lakh (along with diverted previous year RAD-admin fund). Accordingly, the RAD implementing departments have furnished the Head of Account wise proposals.

5. The department wise split up details is follows:-

Department wise Committed liability allocation -2021-22

(Rs. in lakh)

| Department | Allocation for the year 2021-22 (1) | Total Release for the year 2021-22 (2) | Allocation of Committed Liability for the year 2021-22 (3=1-2) | General | SC | ST |
|-------------------|-------------------------------------|--|--|---------------|---------------|--------------|
| Agriculture | 2504.32 | 1981.05 | 523.25 | 413.06 | 104.08 | 6.11 |
| Horticulture | 2053.20 | 1624.09 | 429.11 | 338.57 | 85.82 | 4.72 |
| Sericulture | 75.00 | 56.50 | 18.50 | 14.60 | 3.7 | 0.20 |
| Animal Husbandry | 117.50 | 88.36 | 29.14 | 23.50 | 5.64 | 0 |
| Total | 4750.02 | 3750.00 | 1000 | 789.73 | 199.24 | 11.03 |
| ADMIN FUND | | | | | | |
| Agriculture | 83.20 | 68.96 | 14.24 | | | |
| Horticulture | 64 | 51.84 | 12.16 | | | |
| Animal Husbandry | 0.125 | 0.094 | 0.031 | | | |
| Total | 4897.345 | 3870.894 | 1026.431 | | | |

Rainfed Area Development (RAD) -2022-23
Department wise allocation (First instalment release)

(Rs. in lakh)

| Sl. No | Department | AAP Approved | | | 1 st instalment Release | | | | | |
|--------|--------------|--------------|---------------|-----------------|------------------------------------|------------|-------------|---------------|---------------|-------------|
| | | Total | GoI share 60% | State Share 40% | Total | GoI Share | State share | General | SC | ST |
| 1 | Agriculture | 2510 | 1506 | 1004 | 300 | 180 | 120 | 236.35 | 60.35 | 3.30 |
| 2 | Horticulture | 2510 | 1506 | 1004 | 350 | 210 | 140 | 275.78 | 70.40 | 3.82 |
| 3 | Sericulture | 100 | 60 | 40 | - | - | - | - | - | - |
| | Total | 5120 | 3072 | 2048 | 650 | 390 | 260 | 512.13 | 130.75 | 7.12 |

Details of Head of Account proposal, Diversion proposed and admin fund proposed

(Rs. in lakh)

| Sl. No. | Details | Diversion of previous years' admin fund available with TAWDEVA SNA account proposed | HoA proposed | Admin fund proposed from fund available with TAWDEVA |
|---------------------|---|---|-----------------|--|
| Agriculture | | | | |
| 1. | RAD-pending liabilities of 2021-22 | - | 523.25 | 14.24 |
| 2. | 1 st instalment release under RKVY-RAFTAAR-RAD-2022-23 | 300.00 | - | 1.20 |
| Horticulture | | | | |
| 3. | RAD-pending liabilities of 2021-22 | - | 429.11 | 12.16 |
| 4. | 1 st inst release under RKVY-RAFTAAR-RAD-2022-23 | 100.00 | 250.00 | 1.40 |
| | Total | *400.00 | *1202.36 | *29.00 |

‡ Amount to be released directly from TAWDEVA - RAD SNA account through PFMS

* Head of account detailed proposal requested for Rs.1202.36 lakh only

Liability of Admin fund for the year 2021-22: As the previous years' admin fund of RAD is available with TAWDEVA, the liability of admin fund for the year 2021-2022 to be released separately.

6. The Executive Director, Tamil Nadu Watershed Development Agency has also stated that the previous years' admin fund of RAD is available with TAWDEVA, administrative expenses of RAD implementing departments and TAWDEVA can be incurred by utilizing the available admin fund. Hence, the admin fund of RAD for the year 2022-23 is not proposed to be claimed in this release. If necessary, admin fund will be proposed in future releases.

7. The Executive Director, Tamil Nadu Watershed Development Agency has requested to issue Government orders under Rainfed Area Development Component according to the proposals given by implementing departments' of the RAD-2021-2022 viz. Agriculture, Horticulture, Animal Husbandry and Sericulture for the Committed liability

of Rs.1000 lakh (GoI share 600 lakh + Rs.400 lakh State share) and 1st instalment release of the RAD 2022-23 for an amount of Rs.250 lakh (GoI share Rs.150 lakh + State share Rs.100 lakh) and also requested to accord permission to allocate previous years' RAD admin fund of Rs.400 lakh available with TAWDEVA to implementing departments and release the fund directly from TAWDEVA SNA account (TN204) through PFMS by fixing the limit to the Department of Agriculture and Department of Horticulture and Plantation crops under RAD scheme for the year 2022-23 in PFMS as per the allocation mentioned above.

8. Further, the ED, TAWDEVA has also requested to accord permission to implementing authorities to implement the scheme through single nodal bank account pertaining to code TN204 in order to implement the new procedure of fund release issued by Government of India as per PFMS, as the RKVY-RAFTAAR-RAD is a Centrally Sponsored Scheme as follows:-

1. Central Scheme code : 9145
2. Code of State Linked Scheme : TN204
3. Name of the State Nodal Agency : Rainfed Area Development TAWDEVA (Admin fund)
4. Unique ID assigned to SNA : TN131
5. Single Nodal Bank Account Details : Federal Bank, Ashok Nagar, Chennai
6. IFSC Code : FDRL0002309
7. Single Nodal Account Number : 23090100004633

9. The Executive Director, Tamil Nadu Watershed Development Agency has also stated that the following specific orders which are requested by the implementing departments:-

Requests of the Director of Agriculture:-

- ❖ In order to implement the new procedure of fund release issued by Government of India, the Director of Agriculture may be authorized to draw and disburse the amount to the single Nodal account (TN204) relaxing quarterly restriction of funds for timely and effective implementation of scheme. Permission is requested to implement the scheme through Single Nodal Bank account mapped with PFMS.
- ❖ Permission is requested to utilize the fund of Rs.14.24 lakh (Administrative fund required under 2021-22 scheme implementation) from the previous year Administrative fund of RAD scheme available with TAWDEVA.
- ❖ The administrative approval is requested for a sum of Rs. 2544.82 lakh which includes Rs.2500.00 lakh + Rs. 10.00 lakh under RAD administrative funds and Rs.34.84 lakh under SSEPERS-ATMA for the year 2022-23.

- ❖ Permission is requested to utilize the fund of Rs.301.20 lakh (Rs.300 lakh scheme fund + Rs.1.20 lakh Administrative fund) for the RAD scheme approved to implement during the year 2022-23 from the previous year Administrative fund of RAD scheme available with TAWDEVA.

Requests of the Director of Horticulture and Plantation Crops:-

- ❖ The Director of Horticulture may be authorized to draw and disburse the amount to the single nodal account (TN204) relaxing the quarterly restriction of funds for timely and effective implementation of scheme.
- ❖ Permission is requested to utilize the fund of Rs.12.16 lakh (Administrative fund required under 2021-22 Scheme implementation) from the previous year Administrative fund of RAD Scheme available with TAWDEVA.
- ❖ Permission is requested to utilize the funds of Rs 101.40 lakh from the previous year administrative fund of RAD Scheme available with TAWDEVA to implement the scheme during the year 2022-23.
- ❖ Permission is requested to utilize the funds Rs.441.27 lakh for the pending liabilities of 2021-22 from the allotted funds of Rs 792.67 lakh during the year 2022-23.

Requests of the ED, TAWDEVA:

- ❖ The Executive Director, TAWDEVA may be permitted to release a sum of Rs.300 lakh to the Director of Agriculture as first instalment release under RAD - 2022-23 and a sum of Rs.100 lakh being the balance amount of 1st instalment release (HoA proposal submitted for Rs.250 lakh out of Rs.350 lakh proposed to be sanctioned) under RAD -2022-23 to the Director of Horticulture and Plantation Crops.
- ❖ Permission is requested to allocate the fund of Rs.14.24 lakh (liability of Administrative fund 2021-22) and Rs.1.20 lakh pertaining to 2022-23 admin funds to Director of Agriculture, Rs.12.16 lakh (liability of Administrative fund 2021-22) and Rs.1.40 lakh pertaining to 2022-23 admin funds to the Director of Horticulture and an amount of Rs.0.031 lakh to the Commissioner of Animal Husbandry and Veterinary Services from 5% administrative fund released under RAD in the previous years and available with the Tamil Nadu Watershed Development Agency for Administrative Expenses like JRF Salary and Other Contingencies.
- ❖ It is requested to mention the department wise physical and financial targets and heads of account wise fund allocation for each department as per **Annexure I to II**
- ❖ Further, the Implementing Departments may be ordered to scrupulously follow the RAD Guidelines issued by the Government of India and follow the cost norms and pattern of assistance while implementing the projects.

- ❖ The implementing departments may be ordered to follow the fund releases only as per the PFMS procedure outlined by Government of India.
- ❖ The Implementing Departments may be ordered to ensure proper implementation of the projects and complete them in time.
- ❖ The Implementing Departments may be ordered to monitor the implementation process and progress at the State and District levels effectively and to furnish the monthly progress reports to the Nodal Agency and to the Government.

10. The Government, after careful examination of the proposal of the Executive Director, Tamil Nadu Watershed Development Agency, hereby accord administrative sanction for a sum of Rs.4900.00 Lakh and financial sanction for a sum of Rs.1202.36 Lakh (Rupees Twelve Crore Two Lakh and Thirty Six Thousand only) including the committed liability pertaining to the year 2021-2022 as 1st instalment for implementing the scheme of Rainfed Area Development during the year 2022-2023 and accord permission to utilize a sum of Rs.400.00 lakh available with TAWDEVA as previous year RAD admin fund.

Department wise Committed liability allocation -2021-22

(Rs. in lakh)

| Department | Allocation for the year 2021-22 (1) | Total Release for the year 2021-22 (2) | Allocation of Committed Liability for the year 2021-22 (3=1-2) | General | SC | ST |
|-------------------|-------------------------------------|--|--|---------------|---------------|--------------|
| Agriculture | 2504.32 | 1981.05 | 523.25 | 413.06 | 104.08 | 6.11 |
| Horticulture | 2053.20 | 1624.09 | 429.11 | 338.57 | 85.82 | 4.72 |
| Total | 4557.52 | 3605.14 | 952.36 | 751.63 | 189.90 | 10.83 |
| ADMIN FUND | | | | | | |
| Agriculture | 83.20 | 68.96 | 14.24 | | | |
| Horticulture | 64.00 | 51.84 | 12.16 | | | |
| Total | 4704.72 | 3725.94 | 978.76 | | | |

**Rainfed Area Development (RAD) -2022-23
Department wise allocation (First instalment release)**

(Rs. in lakh)

| Sl. No | Department | AAP Approved | | | 1 st instalment Release | | | | | |
|--------|--------------|--------------|---------------|-----------------|------------------------------------|------------|-------------|---------------|---------------|-------------|
| | | Total | GoI share 60% | State Share 40% | Total | GoI Share | State share | General | SC | ST |
| 1 | Agriculture | 2510 | 1506 | 1004 | 300 | 180 | 120 | 236.35 | 60.35 | 3.30 |
| 2 | Horticulture | 2510 | 1506 | 1004 | 350 | 210 | 140 | 275.78 | 70.40 | 3.820 |
| 3 | Sericulture | 100 | 60 | 40 | - | - | - | - | - | - |
| | Total | 5120 | 3072 | 2048 | 650 | 390 | 260 | 512.13 | 130.75 | 7.12 |

11. The amount sanctioned in para 10 above shall be debited to the head of accounts provided in Annexure I to II of this order.

[P.T.O]

12. Necessary funds of Rs.12,02,36,000/- (Director of Agriculture: Rs.5,23,25,000/- & Director of Horticulture and Plantation Crops: Rs.6,79,11000/-) will be provided under respective Heads of Account. The Director of Agriculture and the Director of Horticulture and Plantation Crops are authorized to draw and disburse the amount sanctioned in para 10 above to the Single Nodal Bank Account of the Rainfed Area Development – TAWDEVA (SNA). The details of SNA account is given below:-

| | | | |
|-------|--|---|---|
| (i) | Central Scheme Code: | : | 9145 |
| (ii) | State Scheme Code: | : | TN204 |
| (iii) | Name of Single Nodal Agency (SNA): | : | Rainfed Area Development – TAWDEVA (Admin fund) |
| (iv) | Unique ID assigned to SNA | : | TN131 |
| (v) | Single Nodal Bank Account Details:Name of Bank/Branch: | : | Federal Bank, Ashok Nagar, Chennai. |
| (vi) | IFSC Code: | : | FDRL0002309 |
| (vii) | Bank Account Number: | : | 23090100004633 |

13.The Executive Director, Tamil Nadu Watershed Development Agency is permitted to release a sum of Rs. 300 lakh to the Director of Agriculture and a sum of Rs. 100 lakh to the Director of Horticulture and Plantation Crops from the 5% administrative fund, available with the Tamil Nadu Watershed Development Agency for implementing the Annual Action Plan(AAP) of 2022-23 by fixing the limit in PFMS.

14. The Executive Director, Tamil Nadu Watershed Development Agency is permitted to allocate the fund of Rs.14.24 lakh (liability of Administrative fund 2021-22) and Rs.1.20 lakh pertaining to 2022-23 admin funds to Director of Agriculture, Rs.12.16 lakh (liability of Administrative fund 2021-22) and Rs.1.40 lakh pertaining to 2022-23 admin funds to the Director of Horticulture and Plantation Crops from the 5% administrative fund released under RAD in the previous years and available with the Tamil Nadu Watershed Development Agency for Administrative Expenses like JRF Salary and Other Contingencies.

15. The Implementing authorities are hereby directed:-

- i. to scrupulously follow the NMSA- RAD Guidelines issued by the Government of India and follow the cost norms and pattern of assistance while implementing the projects.
- ii. to follow the fund releases only as per the PFMS procedure outlined by Government of India.

- iii. to ensure proper implementation of the projects and complete them in time.
- iv. to monitor the implementation process and progress at the State and District levels effectively and;
- v. to furnish the monthly progress reports to the Nodal Agency as well as to the Government.

16. This order issues with the concurrence of Finance Department vide its U.O. No.472/ADS(GKT)/2022, dated 21.09.2022.

(BY ORDER OF THE GOVERNOR)

C. SAMAYAMOORTHY
AGRICULTURAL PRODUCTION COMMISSIONER
AND SECRETARY TO GOVERNMENT

To

The Director of Agriculture, Chepauk, Chennai-5.
 The Director of Horticulture and Plantation Crops, Chennai-5.
 The Executive Director, Tamil Nadu Watershed Development Agency, Chennai-32.
 The Accountant General, Chennai-18.
 The Accountant General(A&E), Chennai-18.
 The Accountant General(Audit), Chennai-18
 The Accountant General, Chennai-18(By name)
 The Pay and Accounts Office (East), Chennai-8.
 The Pay and Accounts Office (South), Chennai-35.
 The Principal Accountant General (AAD), Chennai-18.
 The Principal Accountant General (G&SSA), Chennai-18
 The Principal Accountant General (E&RSA), Chennai-18
 The Resident Audit Officer, Office of the Principal Accountant General (Social Sector Audit), Chennai-9.
 All District Treasury Officers.

Copy to:

The Secretary, Government of India, Ministry of Agriculture, Department of Agriculture, Co-operation and Farmers Welfare (RFS Division), Shastri Bhawan, New Delhi.
 The Special Personal Assistant to the Minister for Agriculture and Farmers Welfare Department, Chennai-9.
 The Senior Private Secretary to Agricultural Production Commissioner and Secretary to Government, Agriculture and Farmers Welfare Department, Chennai-9.
 The Animal Husbandry, Dairying, Fisheries and Fishermen Welfare Department, Chennai-9.
 The Handlooms, Handicrafts, Textiles and Khadi Department, Chennai-9.

The Managing Director, Tamil Nadu Small Farmers' Agri Business Consortium, Chennai-32.

The Commissioner of Animal Husbandry and Veterinary Services, Chennai-35.

The Director of Sericulture, Hasthampatty, Salem-7.

The Agriculture and Farmers Welfare (OP.3/AP1) Department, Chennai-9.(2 copies)

The Finance Department (Agri.&F.W./BGI/BGII), Chennai-9.

The connected file No.9631/AP.5/2022.

Stock File/Spare copies.

/FORWARDED BY ORDER/


21/07/22
SECTION OFFICER

G.O.(Ms) No. 227, Agriculture and Farmers Welfare (AP.5) Departement,
dated 21.09.2022

Annexure I

Rainfed Area Development - Department of Agriculture

The component wise abstract of fund proposed for pending liability of 2021-22 is

| S. No | Components | Administrative approval/ Allocation of 2021-22 (lakh) | First Installment release made during 2021-22 (lakh) | Second Installment release made during 2021-22 (lakh) | Committed liability of 2021-22 proposed now from the allocation made during the year 2022-23 (lakh) | | |
|-------|--|---|--|---|---|---------------|---------------|
| | | | | | Total | GOI share | State Share |
| 1 | Integrated Farming Systems | 2325.12 | 1162.56 | 684.09 | 478.45 | 287.07 | 191.38 |
| 2 | Value addition and Farm Development activities | 179.20 | 89.60 | 44.80 | 44.80 | 26.88 | 17.92 |
| 3 | Contingencies and Appointment of JRFs | 83.20 | 41.60 | 27.36 | 14.24 | 8.54 | 5.70 |
| 4 | Training and Exposure visit | 36.00 | | | | | ATMA fund |
| 5 | Tree seedlings | 15.68 | | | | | TNMSGCF |
| | Total | 2639.20 | 1293.75 | 756.25 | 537.49 | 322.49 | 215.00 |

The detailed split up of components is as below:

| S. No | Component | Unit | Administrative Sanction/ Allocation | | 1 st Installment release made during 2021-22 (lakh) | 2 nd Installment release made during 2021-22 (lakh) | Committed liability of 2021-22 proposed now from the allocation made during the year 2022-23 (lakh) | | |
|-------|--|------|-------------------------------------|------------|--|--|---|-----------|-------------|
| | | | Phy | Fin (Lakh) | | | Total | GOI share | State Share |
| I. | INTEGRATED FARMING SYSTEM | | | | | | | | |
| | Cropping System/Farming System with inclusion of one or more alternative farm based interventions like peripheral plantations. | Ha | 5,600 | 280.00 | 140.00 | 140.00 | 0 | 0 | 0 |
| | Livestock Based Farming system(Small Ruminants)Rs.1500 per Goat-((+1) and (Rs.300 per Bird-15 nos)Total-Rs.19,500 | Ha | 5,600 | 1092.00 | 546.00 | 273.00 | 273.00 | 163.80 | 109.20 |
| | Dairy Based Farming System-Rs.15,000/Milch cow/Bufalo-1 No. | Ha | 5,600 | 840.00 | 420.00 | 242.70 | 177.30 | 106.38 | 70.92 |
| | Horticulture Based Farming system(Rs.1270 per IFS unit) | Ha | 5,600 | 71.12 | 35.56 | 17.78 | 17.78 | 10.67 | 7.11 |

| S. No | Component | Unit | Administrative Sanction/ Allocation | | 1 st Installment release made during 2021-22 (lakh) | 2 nd Installment release made during 2021-22 (lakh) | Committed liability of 2021-22 proposed now from the allocation made during the year 2022-23 (lakh) | | |
|-------|---|-----------|-------------------------------------|-----------------|--|--|---|---------------|---------------|
| | | | Phy | Fin (Lakh) | | | Total | GOI share | State Share |
| | Tree/Silvipastoral/insitu, ex-situ conservation of Timber/Non timber Forest Produce(Rs.750/- per IFS unit-Fodder crop-25 cents) | Ha | 5,600 | 42.000 | 21.000 | 10.61 | 10.37 | 6.22 | 4.15 |
| | Total (A) | | | 2325.120 | 1162.560 | 684.09 | 478.45 | 287.07 | 191.38 |
| | VALUE ADDITON AND RESOURCE CONSERVATION | | | | | | | | |
| II. | Apiculture(Colony + Hive) (2 unit/IIFS unit) | Nos | 11,200 | 179.200 | 89.600 | 44.80 | 44.80 | 26.88 | 17.92 |
| | Livestock Shelter(Mandatory)** | | 5,600 | | | | | | |
| | Compost pit(Mandatory)** | | 5,600 | | | | | | |
| | TOTAL(B) | | | 179.200 | 89.600 | 44.80 | 44.80 | 26.88 | 17.92 |
| | TOTAL(A+B) | | | 2504.320 | 1252.160 | 728.89 | 523.25 | 313.95 | 209.30 |
| III. | CONTINGENCIES | 56 Blocks | 56 | 11.200 | 5.60 | 3.36 | 2.24 | 1.34 | 0.90 |
| IV. | APPOINTMENT OF JRFS | 30 JRFS | 30 | 72.00 | 36.00 | 24.00 | 12.00 | 7.20 | 4.80 |
| | TOTAL(C) | | | 83.200 | 41.60 | 27.36 | 14.24 | 8.54 | 5.70 |
| | TOTAL RAD(A+B+C) | | | 2587.520 | 1293.760 | 756.25 | 537.49 | 322.49 | 215.00 |
| V. | Officials Training | Nos | 30 | 2.400 | ATMA fund (Dovetailed) | | | | |
| | Farmers Training | Nos | 168 | 16.800 | | | | | |
| | Exposure Visit | Nos | 112 | 16.800 | | | | | |
| VI. | Tree Seedlings | units | 5,600 | 15.680 | TNMSGCF (Dovetailed) | | | | |
| | GRAND TOTAL | | | 2639.200 | 1293.760 | 756.25 | 537.49 | 322.49 | 215.00 |

Hence, the third instalment amount (pending liability) proposed is for Rs.537.49 lakh, out of which Rs.523.25 lakh scheme fund is requested from the fund released by GOI during the year 2022-23 and permission may be issued for utilization of Rs.14.24 lakh (admin fund) from the unspent balance of 5% admin fund available with TAWDEVA.

The Head of account wise details for Rs.523.25 lakh is furnished below:
2401-00- Crop Husbandry -108 Commercial crops – Schemes shared between State and Centre – VJ-Rainfed Area Development under National Mission on Sustainable Agriculture

| Activities / Intervention | Detailed Head | Sub detailed head | DPC | Rs. in lakh |
|---------------------------|---------------|-----------------------------|----------------------------------|-------------|
| Rain fed Area Development | 311 Subsidies | 01-Individual Based Subsidy | IFHRMS DPC: 2401 00 108 VJ 31101 | 247.836 |

2401-00- Crop Husbandry -108 Commercial crops – Schemes shared between State and Centre – VP-Rainfed Area Development under National Mission on Sustainable Agriculture- State Share

| Activities / Intervention | Detailed Head | Sub detailed head | DPC | Rs. in lakh |
|---------------------------|---------------|-----------------------------|----------------------------------|-------------|
| Rain fed Area Development | 311 Subsidies | 01-Individual Based Subsidy | IFHRMS DPC: 2401 00 108 VP 31101 | 165.224 |

2401 00 Crop Husbandry-793 Special Central Assistance for Scheduled Castes component Plan – Schemes shared between State and Centre – UJ- Rainfed Area Development under National Mission on sustainable Agriculture

| Activities / Intervention | Detailed Head | Sub detailed head | DPC | Rs. in lakh |
|---------------------------|---------------|-----------------------------|----------------------------------|-------------|
| Rain fed Area Development | 311 Subsidies | 01-Individual Based Subsidy | IFHRMS DPC: 2401 00 793 UJ 31101 | 62.450 |

2401 00 Crop Husbandry-793 Special Central Assistance for Scheduled Castes component Plan – Schemes shared between State and Centre – VC- Rainfed Area Development under National Mission on sustainable Agriculture-State Share

| Activities / Intervention | Detailed Head | Sub detailed head | DPC | Rs. in lakh |
|---------------------------|---------------|-----------------------------|----------------------------------|-------------|
| Rain fed Area Development | 311 Subsidies | 01-Individual Based Subsidy | IFHRMS DPC: 2401 00 793 VC 31101 | 41.634 |

2401 00 Crop Husbandry-794 Special Central Assistance for Tribal Sub Plan- Schemes shared between State and Centre – UF- Rainfed Area Development under National Mission on sustainable Agriculture

| Activities/ Intervention | Detailed Head | Sub detailed head | DPC | Rs. in lakh |
|---------------------------|---------------|-----------------------------|----------------------------------|-------------|
| Rain fed Area Development | 311 Subsidies | 01 individual based subsidy | IFHRMS DPC: 2401 00 794 UF 31101 | 3.664 |

2401 00 Crop Husbandry-794 Special Central Assistance for Tribal Sub Plan- Schemes shared between State and Centre – UX- Rainfed Area Development under National Mission on sustainable Agriculture-State Share

| Activities/ Intervention | Detailed Head | Sub detailed head | DPC | Rs. in lakh |
|---------------------------|---------------|-----------------------------|----------------------------------|-------------|
| Rain fed Area Development | 311 Subsidies | 01 individual based subsidy | IFHRMS DPC: 2401 00 794 UX 31101 | 2.442 |

Grand Total – Rs.523.25 lakh

C. SAMAYAMOORTHY
AGRICULTURAL PRODUCTION COMMISSIONER
AND SECRETARY TO GOVERNMENT

//TRUE COPY//


 21/9/22
SECTION OFFICER

G.O.(Ms) No,227, Agriculture and Farmers Welfare (AP.5) Departement,
dated 21.09.2022

Annexure II

Rainfed Area Development - Department of Horticulture and
Plantation Crops

Table 1: Committed Liabilities of 2021-22 proposed from 2022-23 Fund
Allocation

| S. No | Component | Allocation | 1st installment release made during 2021-22 | 2nd installment release made during 2021-22 | Balance amount to be Released (Committed Liability of 2021-22, proposed now from allocation made during the year 2022-23) | | |
|-------|--|----------------|---|---|---|---------------|---------------|
| | | | | | Total | GOI | State |
| 1 | Integrated Farming System | 1980 | 990 | 560.89 | 429.11 | 257.47 | 171.64 |
| 2 | Value Addition and Resource Conservation | 73.20 | 36.60 | 36.60 | - | - | - |
| 3 | Contingencies (From Admin Fund) | 8.80 | 4.40 | 2.640 | 1.76 | 1.06 | 0.70 |
| 4 | JRF (From Admin Fund) | 55.20 | 26.40 | 18.40 | 10.4 | 6.24 | 4.16 |
| | Total | 2117.20 | 1057.40 | 618.53 | 441.27 | 264.77 | 176.50 |

Table 2: 2022-23 Rainfed Area Development Implementation of as per approved AAP

| S. No | Components | Administrative approval/ Allocation of 2022-23 (Rs in Lakh) | 1st installment funds proposed now | | |
|-------|--|---|------------------------------------|---------------|---------------|
| | | | Total | GoI | State |
| 1 | Integrated Farming Systems | 2040.00 | 284.63 | 170.78 | 113.85 |
| 2 | Value Addition and Farm Development Activities | 460.00 | 65.37 | 39.22 | 26.15 |
| 3 | Contingencies under Admin Fund | 10.00 | 1.40 | 0.84 | 0.56 |
| 4 | Training & Exposure Visit | 41.40 | From ATMA Fund | | |
| | Total | 2551.40 | 351.40 | 210.84 | 140.56 |

In this regard, Head of account details for Rs 679.11 Lakh (Rs 429.11 Lakh + Rs 250.00 Lakh for implementation of RAD is given below:

General Head: Central share

2401-00- CROP HUSBANDRY – 119 Horticulture and Vegetable Crops – Schemes shared between State and Centre – UI Rainfed Area Development under National Mission for Sustainable Agriculture for Horticulture Crops

| Activities / Intervention | Detailed Head | Sub detailed head | DPC | Rs. in lakh |
|---------------------------|---------------|-----------------------------|------------------------------------|-------------|
| Rainfed Area Development | 311 Subsidies | 01-Individual Based Subsidy | (IFHRMS DPC 2401-00-119-UI 311 01) | 321.49 |

General Head: State share

2401-00- CROP HUSBANDRY – 119 Horticulture and Vegetable Crops – Schemes shared between State and Centre – UO Rainfed Area Development under National Mission for Sustainable Agriculture for Horticulture Crops – State Share

| Activities / Intervention | Detailed Head | Sub detailed head | DPC | Rs. in lakh |
|---------------------------|---------------|-----------------------------|------------------------------------|-------------|
| Rainfed Area Development | 311 Subsidies | 01-Individual Based Subsidy | (IFHRMS DPC 2401-00-119-UO 311 01) | 214.33 |

SC Head: Central Share

2401-00- CROP HUSBANDRY – 793 Special Central Assistance for Scheduled Caste component Plan – Schemes shared between State and Centre - UW Rainfed Area Development under National Mission for Sustainable Agriculture for Horticulture Crops for Scheduled Caste

| Activities / Intervention | Detailed Head | Sub detailed head | DPC | Rs. in lakh |
|---------------------------|---------------|-----------------------------|------------------------------------|-------------|
| Rainfed Area Development | 311 Subsidies | 01-Individual Based Subsidy | (IFHRMS DPC 2401-00-793-UW 311 01) | 81.49 |

SC Head: State Share

2401-00- CROP HUSBANDRY – 793 Special Central Assistance for Scheduled Caste component Plan – Schemes shared between State and Centre – VN Rainfed Area Development under National Mission for Sustainable Agriculture for Horticulture Crops for Scheduled Caste – State Share

| Activities / Intervention | Detailed Head | Sub detailed head | DPC | Rs. in lakh |
|---------------------------|---------------|-----------------------------|-------------------------------------|-------------|
| Rainfed Area Development | 311 Subsidies | 01-Individual Based Subsidy | (IFHRMS DPC 2401-00-793- VN 311 01) | 54.33 |

ST Head: Central Share

2401-00- CROP HUSBANDRY – 794 Special Central Assistance for Tribal Sub-Plan – Schemes shared between State and Centre - UR Rainfed Area Development under National Mission for Sustainable Agriculture for Horticulture Crops for Scheduled Tribe

| Activities/ Intervention | Detailed Head | Sub detailed head | DPC | Rs. in lakh |
|-----------------------------|------------------|--------------------------------|--|----------------|
| Rainfed Area Development | 311 Subsidies | 01 Individual based subsidy | (IFHRMS DPC 2401-00-794- UR 311 01) | 4.48 |

ST Head: State Share

2401-00- CROP HUSBANDRY – 794 Special Central Assistance for Tribal Sub-Plan – Schemes shared between State and Centre – VI Rainfed Area Development under National Mission for Sustainable Agriculture for Horticulture Crops for Scheduled Tribe – State Share

| Activities/ Intervention | Detailed Head | Sub detailed head | DPC | Rs. in lakh |
|-----------------------------|------------------|--------------------------------|---------------------------------------|----------------|
| Rainfed Area Development | 311 Subsidies | 01 individual based subsidy | (IFHRMS DPC 2401-00-794-VI 311 01) | 2.99 |

Grand Total – Rs.679.11 lakh

**C. SAMAYAMOORTHY
AGRICULTURAL PRODUCTION COMMISSIONER
AND SECRETARY TO GOVERNMENT**

//TRUE COPY//


22/7/22
SECTION OFFICER

G.O.(Ms) No.227, Agriculture and Farmers Welfare (AP.5) Departement,
dated 21.09.2022

Annexure III

GUIDELINES FOR IMPLEMENTATION OF
INTEGRATED FARMING SYSTEM (IFS) PROJECT IN 2022-23

Integrated Farming System ensures regular income through natural resource management and livelihood diversification. Apart from crop cultivation, diversified activities are recommended in this project which ensures income round the year.

During 2020-21, Integrated Farming System project was implemented in 36 districts benefiting **12,022** farmers dovetailing funds from National Agriculture Development Programme and National Mission for Sustainable Agriculture - Rainfed Area Development.

During **2021-22**, Integrated Farming System project was implemented in **35** districts benefiting **13,300** farm families dovetailing funds from National Agriculture Development Programme and National Mission for Sustainable Agriculture-Rainfed Area Development by the Department of Agriculture and Department of Horticulture and Plantation Crops by demonstrating models suited to Wetland, Garden land and Rainfed ecosystem.

Owing to its success and demand from farmers the scheme is continued in 2022-23 also. For every IFS unit for the year 2022-23, farmers will be trained to adopt various activities relating to agriculture and allied sectors at a total cost of **Rs.1 lakh** of which **Rs. 0.5 Lakh** is extended as back ended subsidy. **The scheme wise details are given below:**

| Type of IFS units proposed | Scheme | IFS units proposed | Total Amount dovetailed (Rs. in Crore) | Implementing Department |
|----------------------------|--------------------|--------------------|--|-------------------------|
| Gardenland, Wetland Models | NADP/RKVY | 5,000 | 25.10 (0.10 Admin fund) | Agriculture |
| Rainfed Models | RAD - Agriculture | 5,000 | 25.10 (0.10 Admin fund) | Agriculture |
| | RAD - Horticulture | 5,000 | 25.10 (0.10 Admin fund) | Horticulture |
| Total | | 15,000 | 75.30 | |

The detailed guidelines for organizing IFS units are furnished below.

1. Selection of Districts:

Integrated Farming System is to be implemented in 35 districts except Chennai, Nilgris and Kanniyakumari. The scheme wise split-up of districts is as below:

NADP:

No. of districts: 24

1.Kancheepuram, 2.Thiruvallur, 3.Chengalpet, 4.Cuddalore, 5.Villupuram, 6.Kallakurichi, 7.Thiruvannamalai 8.Salem, 9.Namakkal, 10.Karur, 11.Erode, 12.Tiruppur, 13.Coimbatore, 14.Trichy, 15.Ariyalur, 16.Pudukottai, 17.Thanjavur, 18.Thiruvarur, 19.Mayiladuthurai, 20.Theni, 21.Nagapattinam, 22.Tirunelveli, 23.Madurai and 24.Thenkasi.

RAD - Agriculture:

No. of districts: 29

Coimbatore, Cuddalore, Dharmapuri, Dindigul, Karur, Krishnagiri, Kallakurichi, Vellore, Madurai, Namakkal, Perambalur, Ramanathapuram, Salem, Thoothukudi, Trichy, Tiruvannamalai, Villupuram, Virudhunagar, Ariyalur, Sivagangai, Tiruppur, Ranipet, Thirupathur, Thiruvarur, Tiruvallur, Erode, Thenkasi, Pudukottai and Theni.

RAD-Horticulture:

No. of Districts: 30

Ariyalur, Chengalpet, Coimbatore, Cuddalore, Dharmapuri, Dindigul, Erode, Karur, Kallakurichi, Krishnagiri, Madurai, Namakkal, Perambalur, Pudukottai, Ramanathapuram, Ranipet, Salem, Sivagangai, Tenkasi, Theni, Thiruvallur, Thoothukudi, Tiruvannamalai, Trichy, Thiruppur, Tirunelveli, Tirupattur, Vellore, Villupuram and Virudhunagar.

2. Selection of Blocks and Villages-Criteria:**

1. **As per NMSA - RAD GoI Guideline** for selection of cluster: "A cluster based approach of 100 hectare or more (**contiguous or non contiguous in difficult terrain with close proximity in a village/adjoining villages**) may be adopted to derive noticeable impact of convergence and encourage local participation and for future replication of the model in larger areas". In a cluster approach a specific area is to be taken up and all/most of the farmers in that area to be chosen as

beneficiaries". Accordingly, cluster approach in rain fed areas for an area of not less than 100 Ha should be adopted.

2. In case of NADP IFS, 100 IFS units may be selected in more than one block (2 to 3 blocks) of the allocated districts by clearly avoiding RAD implementing clusters/villages.
3. The Blocks where IFS was not implemented previously shall be given **first priority**.
4. As the scheme is implemented since 2018-19, all the blocks have been covered in certain districts. If the blocks have already been covered in previous years' IFS implementation, **uncovered villages in the same block shall be selected**.
5. In RAD – IFS and NADP IFS implementation, Kalaigharin All Village Integrated Development Programme (KAVIADP) villages are to be focused for the implementation. Since KAVIADP villages to be focused, the uncovered beneficiaries in such villages should also be selected for implementation.
6. The villages implementing parallel IFS models from other schemes/other departments should not be selected. The villages identified under NADP- IFS, RAD-IFS-Agriculture, RAD-IFS-Horticulture should be distinct and schemes should not overlap.
7. The Village Panchayats selected for implementation this year 2022-23 by the Department of Agriculture/Horticulture should not be selected again under NADP or RAD IFS implemented by the Department of Agriculture/Horticulture.
8. The clusters identified should be approved by the District Collector.
9. The approval details should be sent to DOA/DHPC/DAH&VS for information.
10. Farmers should mandatorily check the Soil Health status and get the Soil Health Card which should be digitally linked with Mann Valam portal and priority **should be given to cover the RAD clusters under "Micro irrigation" through PMKSY scheme**.

3.Selection of Beneficiaries**

1. Farmers having **one hectare and above** land are eligible to avail subsidy under this scheme. Hence, one farm holding per IFS unit of small or other farm size category will be benefited. If the farmer possesses exactly 1 Ha then 10 cents should be earmarked for growing Fodder crop and assistance for crop component should be given for the remaining area.
2. In case of SC and ST farmers, farm holdings not less than 0.40 Ha (1 acre) are eligible to avail subsidy under this scheme. The subsidy portion of crop component shall be calculated against the size of land holding where the IFS model is implemented and other components of IFS can be availed fully.

3. To enable SC/ST farmers to fully reap the benefits of high value agriculture schemes like IFS, polyhouse and shadenet and Machineries distribution – The following Announcement in the budget speech 2022-23 has been made by Hon'ble Minister of Agriculture and Farmers in the floor of Assembly as '**An additional subsidy of 20 per cent for small and marginal farmers of SC/ST will be provided in addition to the existing subsidy to the high value agriculture schemes with an outlay of Rs.5 crore**'. The G.O and the Guidelines has been issued vide G.O (2D) No.81 Agriculture and Farmers Welfare (AP5) department in this regard. Out of 5 crore, Rs.1.5 crore has been allocated under IFS to avail the additional 20 % (i.e. Rs.20,000/- in addition to existing subsidy of Rs.50,000 per IFS unit). The Guidelines given in that G.O (2D) No.81 Agriculture and Farmers Welfare (AP5) department to be followed to avail the additional 20% subsidy only for small and marginal farmers of SC/ST.

- ❖ Farmers holding SC/ST Certificate and Small and Marginal Farmers Certificate issued by the Revenue Department only are eligible to avail the above additional subsidy.
- ❖ Each District has to **send a separate proposal** after the SC/ST beneficiary selection, for the additional 20% subsidy (i.e. Rs.20,000/- in addition to existing subsidy of Rs.50,000 per IFS unit) for fund diversion to the districts in IFHRMS. The bill for the above said 20% additional subsidy **shall be settled through IFHRMS (Treasury mode) by districts.**

4. In case of NADP-IFS, land should be selected where assured irrigation is available for successful implementation of IFS.
5. Under RAD-IFS, the rainfed land should be selected such that at least minimum water resources are available for maintenance of IFS components.
6. Aadhar number of the beneficiaries is mandatory to avail benefit under this scheme.

4. Process of Selection of Beneficiaries:**

1. The components of Integrated Farming System and the assistance are to be widely publicized through pamphlet distribution, public media and during campaigns in the implementing villages.
2. The components and the assistance should be explained in the specially convened Grama Sabha meetings. (With the help of Village Panchayat).

3. On specified dates, a team consisting of Agricultural Officer (AO), Veterinary Assistant Surgeon (VAS) and Horticultural Officer (HO) should address a meeting in each of the revenue Villages in a common place in which the benefits and components of the Integrated Farming System should be elaborated. The salient features of the scheme and the eligibility details of the beneficiaries should be explained in detail. The Faculty designated from the Agricultural College and the Veterinary College or any field units of TANUVAS functioning in that district should also be invited to participate and educate the beneficiaries about the concept and benefits of Integrated Farming System. **Pamphlets describing the components and assistance should be distributed to the farmers in the meeting.**
4. The interested beneficiaries of that area would be asked to **apply online in the Uzhavan App./** <https://tnhorticulture.tn.gov.in/tnhortnet>) within a week's period in the format prescribed.
5. The Block Level team (ADA/ADH, AO/HO, Deputy AO/Deputy HO) headed by the ADA/ADH will scrutinize the application and select the beneficiaries based on the following criteria:-
 - i) Such beneficiaries who evince keen interest to implement all the prescribed IFS components and whose land can best support the components of Integrated Farming system should be selected.
 - ii) Seniority of beneficiaries should be maintained while selection.
 - iii) Preference will be given to such beneficiaries who do not currently have most of the IFS individual components proposed (i.e., those who do not own Milch cow/Buffalo, Goats/Sheep, Poultry Birds).
 - iv) The employees of Central/State Government or any Organisation/cooperative or member of any local Body and their immediate blood relations (parents/son/daughter/ spouse) are not eligible to get benefit under Integrated Farming System.
 - v) Reason for rejection should also be made available online.
 - vi) Should not have been benefited from the Free Distribution of Milch cows and Goat/Sheep schemes earlier.
 - vii) Should be a permanent resident of the village.
 - viii) **The beneficiaries who accept to maintain the IFS unit as a demonstrative unit with prescribed components only should be selected.**
 - ix) At least 50% of the allocation is to be utilized for small, marginal farmers of which atleast 30% are women beneficiaries/ farmers.

The timeline for identification of beneficiaries is as below:

| Activities | Timeline |
|--|----------|
| Beneficiaries Sensitization Meeting in all implementing Villages and Pamphlets should be distributed among farmers | 1 week |
| Online registration of farmers- Receipt of Applications only through online (Uzhavan App./https://tnhorticulture.tn.gov.in/tnhortnet) from farmers | 1 week |
| Scrutinization of the application by the team ADA/ADH, AO/HO, Deputy AO/Deputy HO | 1 week |
| Beneficiary finalization - Discussion & Finalization | |
| Approval of Beneficiary by the District Collector | 2 Days |

- ***After finalization, the beneficiary list should be signed by the concerned block ADA/ADH, AO/HO.***
- ***At District level, the beneficiary list should be endorsed by DDA (GOI)/DDH and JDA/JD(H) and finally approved by the District Collector.***
- ***The finalized list of beneficiaries after getting the approval of the District Collector should be sent to the Director of Agriculture/Director of Horticulture.***

**In all the cases if the condition arises, any changes and modifications; DOA has the authority to modify it with respect to NADP-IFS and RAD-IFS-Agriculture and DHPC with respect to RAD-IFS-Horticulture. These modifications should be done with the prior approval of the Agricultural Production Commissioner and Secretary to Government, Agriculture Department, Secretariat, Chennai - 9.

5. Components of IFS units: Various activities are recommended for organizing IFS unit in three types of models viz., Wetland / Garden land and Dryland as listed below:

- 1. Wetland /Gardenland IFS (NADP - IFS) :** Agricultural crop with Inter/Bund Crop, Milch Cow/Buffalo, Goats/Sheep, Poultry Birds, Fruit Seedlings/ Nutri-garden, Apiary Units, Fodder Crop, Vermibed (HDPE), Compost pit & Livestock shelter.
- 2. Rainfed IFS (RAD - Agriculture):** Agricultural crop with Inter/Bund Crop, Milch Cow/Buffalo, Goats/Sheep, Poultry Birds, Fruit Seedlings/ Nutri-garden, Apiary Units, Fodder Crop, Vermibed (HDPE), Compost pit & Livestock shelter.
- 3. Rainfed IFS (RAD - Horticulture):** Horticultural Crop along with Agricultural crop as intercrop, Milch Cow/Buffalo, Goats/Sheep, Apiary Units, Fodder Crop, Vermibed (HDPE), Compost pit & Livestock shelter.

6. Activity wise assistance extended under IFS:

The assistance eligible for adoption of various activities under three IFS models is given below:

I. Wet Land/Garden Land (Fund will be met from NADP)

Approximate expenditure for establishment (cost)

| Input | Rate of Assistance | Full Cost (Rs.) | Subsidy (Rs.) | Total Assistance per IFS Unit (Rs.) | Assistance for Small and Marginal SC and ST farmer only (Rs.) |
|---|--|-----------------|---------------|-------------------------------------|---|
| Agricultural Crop with Inter/Bund Crop- 1 Ha | Rs.5,000/- per Ha | 10,000 | 5,000 | 5,000 | 7,000 |
| Milch Cow /Buffalo (1 No) inclusive of insurance. | Rs.15,000/- per cow/buffalo | 30,000 | 15,000 | 15,000 | 21,000 |
| Goats/Sheep (9+1) nos inclusive of insurance | Rs.1,500 per Goat/Sheep (9+1)nos | 30,000 | 15,000 | 15,000 | 21,000 |
| Poultry Birds-10 nos | Rs.300 per bird,10 birds | 6,000 | 3,000 | 3,000 | 4,200 |
| Apiary Units-2 Units | Rs.1,600/- per unit, for 2 units | 8,000 | 3,200 | 3,200 | restricted to 4,480 |
| Fruit Plants (35 seedlings approx.) | Rs.2,000/- for seedlings cost including Pitting, Planting and Manuring cost. | 4,000 | 2,000 | 2,000 | 2,800 |
| Fodder crop-10 cents | Rs.800 per IFS unit | 1,600 | 800 | 800 | 1,120 |
| Vermibed - | Rs.6000 per unit | 12,000 | 6000 | 6000 | 8,400 |
| Compost pit | | | Mandatory | | |
| Livestock shelter | | | Mandatory | | |
| Total | | 1,01,600 | 50,000 | 50,000 | 70,000 |

*Cost of subsidy for establishment will be restricted to Rs. 0.50 lakh /ha/ IFS unit

** Cost of subsidy for establishment will be restricted to Rs. 0.70 lakh / ha /IFS unit only for **Small and Marginal of SC/ST farmer**

II. RAINFED MODEL - I (Fund will be met from RAD-Agriculture)

| Input | Rate of Assistance | Full Cost (Rs.) | Subsidy (Rs.) | Total Assistance per IFS Unit (Rs.) | Assistance for Small and Marginal SC and ST farmer only (Rs.) |
|---|--|-----------------|---------------|-------------------------------------|---|
| Agricultural Crop with Inter/Bund Crop- 1 Ha | Rs.5,000/- per Ha | 10,000 | 5,000 | 5,000 | 7,000 |
| Milch Cow /Buffalo (1 No) inclusive of insurance. | Rs.15,000/- per cow/buffalo | 30,000 | 15,000 | 15,000 | 21,000 |
| Goats/Sheep(9+1) nos inclusive of insurance | Rs.1,500 per Goat/Sheep (9+1)nos | 30,000 | 15,000 | 15,000 | 21,000 |
| Poultry Birds-10 nos | Rs.300 per bird,10 birds | 6,000 | 3,000 | 3,000 | 4,200 |
| Apiary Units-2 Units | Rs.1,600/- per unit, for 2 units | 8,000 | 3,200 | 3,200 | Restricted to 4,480 |
| Fruit Plants (35 seedlings) | Rs.2,000/- for seedlings cost including Pitting, Planting and Manuring cost. | 4,000 | 2,000 | 2,000 | 2,800 |
| Fodder crop-10 cents | Rs.800 per IFS unit | 1,600 | 800 | 800 | 1,120 |
| Vermibed - | Rs.6000 per unit | 12,000 | 6000 | 6000 | 8,400 |
| Compost pit | | | Mandatory | | |
| Livestock shelter | | | Mandatory | | |
| Total | | 1,01,600 | 50,000 | 50,000 | 70,000 |

*Cost of subsidy for establishment will be restricted to Rs. 0.50 lakh/ha/ IFS unit

** Cost of subsidy for establishment will be restricted to Rs. 0.70 lakh /ha/IFS unit only for **Small and Marginal of SC/ST farmer**

RAINFED MODEL - II (Fund will be met from RAD-Horticulture)

| S. No | Component | Rate of Assistance | Total cost (Rs) | Assistance Proposed (Rs.) | Assistance for Small and Marginal SC and ST farmer only (Rs.) |
|-------|---|--|-----------------|---------------------------|---|
| a | Horticulture based farming system with pulses/ oilseeds/ maize as intercrop | Rs.17,500/- per Ha (Rs.15,500/Ha for Main crop - Horticulture crop and Rs.2,000 for intercrop -Agriculture crop) | 50,000 | 17,500 | 24,500 |
| b | Milch Cow/Buffalo (1 No)inclusive of insurance. | Rs.15,000/- per cow/buffalo | 30,000 | 15,000 | 21,000 |
| c | Goat / Sheep (4+1 Nos.)inclusive of insurance. | Rs.1500/- per Goat, (4+1) Nos | 15,000 | 7,500 | 10,500 |
| d | Fodder Crop (10 cents) | Rs. 800/10cents | 1,600 | 800 | 1,120 |
| e | HDPE Vermibed | Rs.6000/unit (96 cu.ft) | 12,000 | 6,000 | 8,400 |
| f | Apiary Unit | Rs1,600(2nos) | 8,000 | 3,200 | restricted to 4,480 |
| D | Livestock Shelter | Mandatory | | | |
| e | Compost pit | Mandatory | | | |
| | Sub-Total | | 1,16,600 | 50,000 | 70,000 |

*Cost of subsidy for establishment will be restricted to Rs. 0.50 lakh /ha/ IFS unit

** Cost of subsidy for establishment will be restricted to Rs. 0.70 lakh / ha /IFS unit only for **Small and Marginal of SC/ST farmer**

7. Procedures to be adopted for Agricultural & Horticultural Crops:

7. (a) Agricultural Crop along with inter crop/bund crop: (Agriculture)

1. **Wet land/Garden land/Rainfed Model:** 50% of input cost limited to Rs.5,000/- per ha. would be provided as assistance to the beneficiary under NADP and RAD-Agriculture.
 - a) Input cost involves land preparation, seeds, organic fertilizer/organic manure, plant nutrients, Integrated Pest management Practices etc.,
 - b) Maximum permissible assistance would be restricted to 1 ha per beneficiary.
 - c) Inter crop / Bund crop for NADP and Bund crop/ Border crop for RAD is mandatory. Bund/Border crop may be Green manure crops /Trap crops/Pulses/Flowering plants/Milletts/Oilseeds. **(Crop wise inputs enclosed in Annexure-1)**

Mode of Procurement of Inputs and Assistance:

1. **Soil test is to be done by farmer and Soil Health card is mandatory.**
2. **Land preparation** - Ploughing twice to fine tilth and making the field ready for sowing by the farmers themselves. The farmer should produce the bill or a certificate indicating the actual expenditure incurred by him for land preparation to claim subsidy amount.
3. Seeds for Main Crop, Inter Crop/ Bund Crop/Border crop - For distribution of the entire quantity of seeds required, the seed stock available in the AEC should be utilized for all the crops. In case of non-availability of the required quantities of seeds / Maize hybrid seeds, the farmers shall be permitted to purchase from Tamil Nadu Agricultural University / licensed private dealers and requested to produce necessary bills to claim subsidy amount. Farmer should incur the full cost initially.
4. The stock available in the AECs should be utilized for inputs like Micronutrient Mixture, liquid bio-fertilizers, and bio control agents.
5. For mechanized sowing by seed drill in paddy, line sowing in Milletts and thinning in Gingelly, the farmer should produce an undertaking/ bills / vouchers to claim the subsidy amount.
6. The farmers shall be permitted to purchase DAP for foliar spray and Gypsum preferably from PACCS or may be purchased from licensed private dealers. The farmers should produce necessary bills to claim the subsidy amount. The Organic fertilizers may be purchased from manufacturers/ private firms through the approval of District Level Agricultural Procurement Committee.

7. Proper photo documentation of main crop along with Inter crop/Bund crop with date, latitude longitude position should be taken before, and during the crop growth with the beneficiaries.
8. The documentation is compulsory for sanctioning of the subsidy to the beneficiaries.
7. **b). Horticulture Based Farming (Horticulture Crop with Agriculture Inter Crop)- Rain Fed Model**

| Practices (Any one of the following combination) | Unit cost | Cost norms/ Pattern of assistance |
|---|---------------|--|
| <ul style="list-style-type: none"> • Mango+ short duration Pulses • Mango+ Gram/Soybean • Citrus/Sapota/Pomegranate/ Amla/Jackfruit +Field crops (Pulses / Oilseeds) • Sweet potato + Maize/ Castor • Tapioca+Maize/Castor • Guava+Maize/Pigeon Pea • Tamarind+Blackgram | Rs. 50,000/ha | Input costs including planting materials, planting cost, INM, IPM, etc limited to Rs. 17,500/- per ha. |
| Any other Horticulture based Farming system recommended by ICAR, TNAU, KVK, ATMA | | |

- a) Assistance: Assistance for **Input costs limited to Rs.17,500/- per Ha**. Input cost includes planting materials, Seeds, Fertilizers/manure, Plant nutrients, PP chemicals, etc. (Crop wise inputs enclosed in Annexure-2). More than one perennial crop may be permitted as preferred by farmer. However, the subsidy should not exceed the specified Rs.17500/-.
- b) In hilly areas of TamilNadu, the intercrop can be any Horticulture crop.
- c) The Horticultural planting material should be sourced only from the State Horticulture Farm (SHFs) for which requirement should be assessed and indent should be placed in advance by the concerned implementing officer.
- d) In case of Pulses, Oil seeds and Millets, seeds can be purchased from TANSEDA. In case of non-availability of seeds in TANSEDA, assistance may be extended as back ended subsidy after ensuring cultivation of pulses or oilseeds by the beneficiary at their own cost.
- e) The assistance allocated for the Main crop (Horticulture crop) is restricted to Rs.15,500/- per Ha and for the intercrop (Pulses/Oilseeds/ maize etc.), assistance is restricted to Rs.2,000/- per Ha.
- f) The Horticultural planting materials which are not produced at SHF should be purchased from other sources by the Horticulture officials after confirming the quality. Planting materials like Tapioca should be mobilized by farmer himself under the supervision of the concerned block Officials of Horticulture department to confirm its quality and quantity.

- g) For other inputs, the JDHs/DDHs should source it from Government sources.
- h) If any inputs are not available in Government, the beneficiary should purchase these inputs from his own money in advance. Subsidy will be released as back ended subsidy, after verifying the bill and proper use of those inputs.
- i) Maximum permissible assistance would be restricted to one ha per beneficiary.
- j) All the activities of the programme should be documented at every stage of implementation.

8. Fodder crop:

Rs.800/- for 10 cents – NADP & RAD-Agriculture and RAD Horticulture

1. Assistance for fodder crops is provided to increase green fodder production, to stress upon the importance of feeding nutritive green grass, reduce cost of feeding, and to make available green fodder to the livestock round the year.
2. A minimum of 10 cents area should be earmarked for growing fodder crop and the subsidy **would be provided according to the area.**
3. The perennial fodder crops viz., Cumbu-Napier Hybrid, Lucerne (Kudhirai masal), Fodder Sorghum, Guinea grass, Blue Buffel Grass (Kolukattai grass), Desmanthus (Veli masal), *Stylosanthes scabra* (Muyal masal), Glyricidia, Sesbania (Agathi), Indian coral tree (Kalyana murungai), Subabul etc., should be grown in **atleast in 10 cents area.**
4. The subsidy amount for the fodder crop will be **50% of the cost limited to a maximum of Rs.800/- for 10 cents under NADP and RAD-Agriculture.**
5. Seeds/Slips shall be sourced either locally by beneficiaries themselves from other farmers/ District Livestock farms/KVKs/TANUVAS/Private.
6. The assistance will be given to the farmers after joint inspection by AO and ADA after ascertaining the fulfillment of the requirements in the field and documentation.

9. HDPE Vermibed (For RAD and NADP – Agriculture and RAD Horticulture department):

Under value addition and farm development activities, it is proposed to establish HDPE vermibeds (96 cu.ft) (with the size of 12 feet × 4 feet × 2 feet) 50% subsidy amount of Rs.6,000/- per unit for Vermibed will be extended to the farmers. To establish vermibed HDPE with the size of 12 feet × 4 feet × 2 feet, including the purchase of Farmyard manure 2 tonne, 10 kg earthworm, 8 wooden stick for installation, Transportation, labour for installation the total cost for **HDPE Vermibed** works out to Rs:12000/-. Hence, Farmer contribution is Rs: 6000/-.

The **HDPE Vermibed** may be organised from NGO / Private entrepreneur. Assistance will be provided as back ended subsidy; after due verification and documentation along with photos for each IFS Unit by the concerned Block ADA/AO and block Assistant Director of Horticulture /Horticultural Officer. The copy of the documentation should be maintained by the Block ADAs/ADHs.

10. Fruit Plants/ Nutri Garden (Agriculture department):

The subsidy is restricted to 50% and limited to Rs.2000/- per IFS unit -NADP and RAD-Agriculture

1. Under this component, fruit seedlings (35 seedlings approximately - The mixture of fruit seedlings shall be distributed in order to fulfil the balanced nutrition benefit) would be given to the beneficiaries as a part of the Integrated Farming System based on the category of the land.
2. The Horticultural Officer concerned should arrange for the planting materials as per the area available and the fruit seedlings should be supplied by the Horticulture Department for which requirement should be assessed and indent should be placed in advance by the concerned Horticultural officer.
3. The cost of the fruit plant (layers and grafts) **fixed by the TANHODA shall be adopted.**
4. The following fruit seedlings will be supplied as per the choice of the beneficiary:
NADP: Mango, Pomegrenate, Sapota, Jack fruit, Amla, Papaya, Banana, Guava, Acid lime, Jamun, Custard Apple etc.
RAD: Mango, Pomegrenate, Sapota, Jack fruit, Amla, Guava, Acid lime, Jamun, Banana, Manila tamarind, Ber, Tamarind etc.

There should be at least three to five fruit crops to be planted in the garden. The fruit crops such as Papaya, Drumstick, Lemon, Custard apple, Guava, Pomegranate, Curry leaf, Banana, etc. shall be planted. The plants like Banana and Papaya should be planted on the eastern or south eastern side of the garden. Plants with larger canopy i.e., Drumstick, Guava, Custard apple, need to be planted on the west or northwestern direction.

The subsidy amount should be provided depending on the number and kind of plants selected by the beneficiary. The technical assistance for Pitting, Planting and Maintenance of fruit seedlings will be given by the Horticultural Officer concerned.

5. The subsidy is restricted to 50% and limited to Rs.2000 for fruit seedlings including the cost of pitting, planting, manuring and transport cost.
6. It should be ensured that the seedlings are protected by thorny Bushes and maintained. Documentation of the planted fruit seedlings is mandatory.

The Nutri-garden will pave way for reduction of expenditure on food items and expenses related to health; therefore, increasing cash flow for an improved socio-economic condition

The Nutri/Fruit-gardens should be designed in such a way that while ensuring food for the house, it should provide some additional income, as and when needed. **The Nutri-garden along with the other components viz., Agriculture and Animal Husbandry activities should be made prominent and as demonstrative units with proper name boards so that the Anganwadi workers and ICDS staff should be tied to visit and replicate in their premises. The Department of Agriculture will release the subsidy of Fruit Seedlings under NADP and RAD - Agriculture to Horticulture department.**

11. Apiary Units (Agriculture and Horticulture department):

The subsidy details are:

Rs.3,200/- for 2 units - NADP - Agriculture & RAD- Agriculture and RAD - Horticulture

1. In order to maximize agricultural production, honey-bee can be used as an important agent to induce cross pollination.
2. Block Officials should facilitate the farmers for placing bee hives at the right time and at suitable places.
3. The requirement should be assessed and arrangements shall be made for the purchase of Apiary units by the beneficiaries.
4. Assistance would be **40% of the beehive limited to Rs.1,600/- (Rs.800/- per colony of 8 frames and Rs.800/- per hive).**
5. Each beneficiary is eligible for an assistance of Rs.3,200/- for 2 units in case of NADP- Agriculture and RAD- Agriculture IFS units implemented by Agriculture Department and Horticulture department.
6. The Apiary units may be organised from KVK/ NGO/ National Bee Board/ Private entrepreneur.
7. Assistance will be provided as back ended subsidy; after due verification and documentation along with photos for each IFS Unit by the concerned block Assistant Director of Horticulture /Horticultural Officer and Block ADA/AO. The copy of the documentation should be maintained by the Block ADAs.

12. ANIMAL HUSBANDRY COMPONENTS:

12.1. Milch Cow/ Buffalo: Rs.15,000/- for 1 No. inclusive of Insurance.

The possession of Milch Cow/ Buffalo is an essential part of the Integrated Farming System. The cow provides not only milk but also additional income to the beneficiaries by providing dung for composting units. Hence, it is envisaged that each beneficiary will be given subsidy to purchase one Milch Cow/ Buffalo under Integrated Farming System.

1. The subsidy available for one milch cow/ Buffalo is **Rs.15,000/- or 50% of the cost of each milch cow/ Buffalo purchased by the beneficiary whichever is lower. The cost is inclusive of insurance.**
2. **If the beneficiary is already having one cow/ Buffalo already, then the beneficiary will not be eligible for this component.**
3. The type of breed of the cow will be according to the choice of the beneficiaries.
4. The beneficiaries whose choice of purchase of Desi breeds yielding good quality/quantity of milk will be encouraged to do so.
5. The age of the cow should not be more than 4 years. It should be ensured that only lactating cows that are in their first/second lactation are to be purchased so as to ensure a continuous production for next five lactations.
6. The cow shall be bought within 60 days after calving and the per day milk yield should not be below 7 litres.
7. This should be ensured by the team of official's viz., Divisional Assistant Director (AH), VAS, AO/HO of the concerned block before subsidy money is released to the beneficiary.
8. Livestock shelter is mandatory and its establishment should be ensured before the purchase of the Milch cow/ Buffalo.
9. The procedure / norms to be followed during Milch cow/ Buffalo purchase is indicated as below:

Procedure in Purchase of animal:

1. The beneficiary may be allowed to procure animals from the prominent livestock shandies within the State including beneficiaries own district. The beneficiaries will also be permitted to procure milch cows from neighbouring States. The process of procurement should be appropriately documented so as to clearly indicate the actual place of purchase is within the State or in the neighbouring States.
2. The VAS concerned should organize a meeting for beneficiaries and decide on common date of purchase of Milch Cow/ Buffalo so that **he/she can supervise the purchase in their presence which is a mandatory requirement.**

3. The spot purchase procedure with the beneficiary accompanied by the VAS/Divisional Assistant Director (AH) of the concerned block will be adopted to purchase the Milch cow/Buffalo from the shandies. The spot purchase system will be followed with a view to fully involve the beneficiaries in (a) The choice of procurement of the Milch cows (b) Negotiation of the price of cows (c) to avoid complaints of higher prices or poor quality of animals at a later stage.
4. After the beneficiaries select the Milch cows/Buffalo for the purchase, the Divisional Assistant Director (AH) /VAS will examine the Milch cows/Buffalo to ensure their sound health and the conformity to the norms.
5. Photographs should be taken by the beneficiary with the animal, seller and himself at the source of purchase and the Divisional Assistant Director (AH) /VAS of the concerned block should be available in the photograph in order to ensure the genuineness of purchase.
6. The beneficiary should give the details of bill / purchase certificate & photograph along with the details of seller to the concerned Veterinary Assistant Surgeon (VAS) and in turn, VAS will give all such details to the divisional Assistant Director (AH) and the concerned block ADA/ADH.
7. The Director of Animal husbandry and Veterinary Services (DAH&VS) should take necessary steps to have tie-up with insurance companies as per the norms;
8. The insurance tie-up for animals should be done with the help of local VAS and the identification of the animals should be ensured with the identification tags bearing unique code No. in the left ear and registered in Information Network for Animal Production and Health (INAPH) Portal.
9. **In case of death of animal, the beneficiary should purchase the second animal immediately after the receipt of insurance amount** and inform the fact to the concerned AD(AH)/VAS and ADA/ADH.
10. The Identification Tags bearing the unique number have to be prominently seen in the photograph to assure that the animal has been insured.
11. The AD(AH) & ADA/ADH should have the details of the seller, copy of documentation and should maintain all the relevant records for future verification.
12. A separate register with the prescribed formats recommended by the Animal Husbandry Department should be maintained.
13. Suitable undertaking on a Stamp Paper of Rs.20/- should be obtained from the beneficiary that he/she will not sell the Milch cow/Buffalo for a minimum period of 4 years from the date of purchase.

Post-Purchase follow-up

1. The beneficiary should bring the animal for necessary health check-ups to the nearest Veterinary Dispensary.
2. The VAS concerned should ensure that the Milch Cow/ Buffalo is treated with proper vaccine, De-worming and other veterinary services as and when required.
3. The Livestock Inspectors will assist the VAS in this regard. Necessary technical guidance and follow-up should be given to the beneficiaries.

12.2. Goats/Sheep

Rs.15,000 for (9+1) nos under RAD ,NADP-Agriculture and Rs.7,500 for (4+1) nos under RAD-Horticulture.

Goats/Sheep are to be purchased as part of the Integrated Farming System.

1. The subsidy made available for the purchase of (9+1) nos of Goats/Sheep will be Rs.15,000/- under NADP and RAD-Agriculture and Rs.7,500 for (4+1) nos under RAD-Horticulture or 50% of the cost of Goat or Sheep purchased by the beneficiary, whichever is lower. The cost is inclusive of insurance and cost of ear tags.
2. The Goats/Sheep may be purchased as per the choice of the beneficiary. The Goats/Sheep purchased should be about 6 to 8 months of age and four should be Female and one should be a Male for RAD-Horticulture and 9 should be female and one should be male in case of NADP and RAD-Agriculture.
3. Livestock shelter and Procurement of Nutrients are mandatory requirements.

Procedure to be adopted in Purchase of animals :

1. The beneficiary may be allowed to purchase Goats/Sheep from the open market shandies in their own districts / neighboring districts.
2. The VAS concerned should organize a meeting for the beneficiaries and decide on common date of purchase of Goats/Sheep so that he/she can supervise the purchase in their presence which is a mandatory requirement.
3. The spot purchase procedure with the beneficiary accompanied by the VAS/Divisional Assistant Director (AH) of the concerned block will be adopted to purchase the Goats/Sheep from the shandies. The spot purchase system will be followed with a view to fully involve the beneficiaries in (a) The choice of procurement of the Goats/Sheep (b) Negotiation of the price of Goats/Sheep (c) to avoid complaints of higher prices or poor quality of animals at a later stage.

4. After the beneficiaries select the Goats/Sheep for the purchase, the Divisional Level AD (AH) /VAS will examine the Goats/Sheep to ensure their sound health and the conformity to the norms.
5. Photographs should be taken by the beneficiary with the animal, seller and himself at the source of purchase and the Divisional AD (AH) / VAS of the concerned block should be available in the photograph in order to ensure the genuineness of purchase.
6. The beneficiary should give the details of bill / purchase certificate & photograph along with the details of seller to the concerned Veterinary Assistant Surgeon (VAS) and in turn, VAS will give all such details to the divisional Assistant Director (AH) and the concerned block ADA/ADH.
7. The insurance tie-up for animals should be done with the help of local VAS and the identification of the animals should be ensured with the identification tags bearing unique code No. in the left ear and registered in Information Network for Animal Productivity and Health (INAPH) Portal.
8. In case of death of animal, the beneficiary should purchase the second animal immediately after the receipt of insurance amount and inform the fact to the concerned AD(AH),VAS and ADA/ADH.
10. The Identification Tags bearing the unique number have to be prominently seen in the Photograph to assure that the animal has been insured.
11. The AD(AH) & ADA/ADH should have the details of the seller, copy of Documentation and should maintain all the relevant records for future verification if needed.
12. Suitable undertaking on a Stamp Paper of Rs.20/- should be obtained from the beneficiary that he/she will not sell the Goats/Sheep for a minimum period of 2 years from the date of purchase.

Post-Purchase follow up

- ❖ The beneficiary should bring the animals for necessary health check-ups to the nearest Veterinary Dispensary.
- ❖ The VAS concerned should ensure that the Goats/Sheep are treated with proper vaccine, de-worming and other veterinary services as required.
- ❖ The Livestock Inspectors will assist the VAS in this regard. Necessary technical guidance and follow-up should be given to the beneficiaries.

12.3.Poultry Birds:

Rs.3,000/- for 10 birds for NADP &RAD-Agriculture

1. The Poultry Birds are to be purchased by the beneficiary.
2. The beneficiary should make necessary arrangements for safe keeping of the birds in a cage and the farmers should purchase one year concentrate feed for the birds.

3. The subsidy will be released only after a proper cage is arranged for the safe keeping of the birds and on purchase of concentrate feed by the beneficiary concerned.
4. The Native chicken breeds such as Aseel, Chittagong, Kadaknath, Busra etc., should be encouraged to be reared.
5. The subsidy made available for the purchase of **10 nos of Poultry Birds will be Rs.3,000/- or 50% of the cost of Poultry Birds purchased by the beneficiary, whichever is lower.**
6. The assistance will be given as back ended subsidy; after necessary verification and photo documentation with the AD(AH)/VAS of the concerned block with the birds and the cage.
7. Birds in the ratio of 9 female to 1 Male, of 16 to 17 weeks of age, weighing not less than 1.2 kg may be procured.

13. Compost Pit & Livestock Shelter (Agriculture and horticulture):

1. Compost Pit and Livestock Shelter are mandatory for every IFS unit.
2. The beneficiary has to establish the compost pit and livestock shelter on his own in his premises and in proximity to the IFS Unit.
3. The technical support towards establishment and further maintenance will be given by the AO/HO and Veterinary Institution.

14. TRAINING AND EXPOSURE VISITS (Agriculture and Horticulture):

All the beneficiaries should be trained for successful implementation of IFS. The training and the exposure visit for the beneficiaries would be arranged by Department of Agriculture/Horticulture and TNAU Centres by utilizing the ATMA funds as per ATMA-SSEPERs norms.

14.1. Officers Training: An amount of Rs.400/- each would be allotted towards the expenditure for Officers' Trainings. In each district, one training would be conducted for 20 officials. The norms under ATMA shall be followed

14.2. Farmers' Training:

An amount of Rs.250/- per person would be allotted for each trainee as training cost. The norms under ATMA shall be followed.

14.3. Exposure visit:

This component will cover a maximum limit of 50 beneficiaries for one day programme as per the ATMA norms and each beneficiary will be provided Rs.300/-

15. CONTINGENCIES:

The recurring contingencies for execution of the project will be made available at the rate of **Rs.20,000/- per 100 Ha under NADP and RAD** to the concerned ADA/ADH to meet out the incidental expenses as per requirement. This fund will be met from the administrative funds of NADP (Wetland and Garden land models) and RAD Scheme (Rain fed models).

In case of NADP, the contingency fund shall be proportionately allocated to the blocks according to the allocation of IFS units.

16. DISBURSEMENT OF BACK ENDED SUBSIDY TOWARDS PURCHASE OF COMPONENTS UNDER IFS.

1. Beneficiaries should register online for NADP and RAD (Agriculture and Horticulture) for reimbursing cost for IFS components with Photostat copy of the Bank pass book providing information of Account holder Name, Address, IFSC code and A/c No.
2. The ADA/ADH should ascertain the genuineness of the beneficiaries.
3. The Block Level team (ADA/ADH, AO/HO, Deputy AO/Deputy HO, VAS) should make 100% verification of all components of all IFS units in their respective jurisdiction.
4. **After completion of the work, ADH/ADA of the respective blocks should inspect 100 % of the IFS units and the documentation of the same and bills should be submitted to JDA/DDH office for release of funds through PFMS in DBT mode. The Department of Agriculture/Horticulture will release the subsidy amount to the beneficiary including insurance on receipt of bill and verification for Animal Husbandry components.**
5. District Deputy Director of Agriculture (GOI Schemes) / DDA (State Schemes) (Horticulture) should inspect 20% of the IFS units and the JDA/JDH/DDH& RJD (AH) should inspect at least 10% of the units under their jurisdiction and the documentation of the same should be submitted.
6. 100% Physical verification of the IFS units should be made by the Inter-Block team constituted by the district JDAs for cross verification, after the establishment of IFS Units.
7. **The Department of Agriculture will release the subsidy of Fruit Seedlings under NADP and RAD – Agriculture to Horticulture department through PFMS by getting undertaking from beneficiaries that the seedlings have been supplied.**

17. General

1. The location of establishing the IFS units should be indicated and Geo-Tagging needs be mandatorily done in RKVY - Bhuvan App.
2. **The Memorandum of Understanding should be entered with farmers for five years for ensuring sustainability of the IFS Model.**

3. For one selected beneficiary based on seniority, assistance for all approved components should be given without splitting the assistance among many beneficiaries for each release with a notion that other components can be given when next release is made. Providing assistance for components in batches for each beneficiary based on releases should be avoided.
4. Fund transfer to farmers through DBT should be ensured.
5. Proper billing of inputs should be done and record should be maintained for the transaction.
6. A separate beneficiary register should be maintained for this scheme.
7. Documentation such as photos and video clippings should be taken before, during the implementation and after completion of the project.
8. After the completion of the work, the AAO/AHO should make necessary entries in AGRISNET for each beneficiary and the success stories should be uploaded in AGRISNET.
9. **Each IFS unit should be maintained as a Model unit and other beneficiaries/farmers should make visit to the established units. Proper name boards should be placed in each IFS unit. Documentation of the visit is mandatory and a copy of documentation should be submitted to the Director of Agriculture and Director of Horticulture and Plantation crops.**
10. **Quality of all inputs should be ensured by both block and district level officials by taking samples and third party analysis for all lots.**

Appendix A**Critical Inputs distributed/Ha and Cost Norms****Paddy**

| | | |
|---|------------|---------------|
| Land Preparation | Rs. | 2,500 |
| Seeds (@ 40 Kg/Ha) | Rs. | 1,600 |
| Seed Hardening (2% KH ₂ PO ₄) | Rs. | 20 |
| Seed treatment and soil application-with Bio Agents (<i>Pseudomonas fluorescens</i> / <i>Bacillus subtilis</i>) | Rs. | 350 |
| Mechanized sowing/Mechanical Planting | Rs. | 1,500 |
| Biofertilizers (<i>Azospirillum</i> + <i>Phosphobacteria</i>) | Rs. | 300 |
| MN Mixture (@12.50 kg/Ha) | Rs. | 720 |
| <i>Beauveria Bassiana</i> (2.5 Kg/Ha) | Rs. | 340 |
| Organic fertilizers | Rs. | 3,000 |
| TOTAL | Rs. | 10,330 |

Maize

| | | |
|--|------------|---------------|
| Land preparation | Rs. | 2000 |
| Seeds (@ 15 Kg/Ha) Back ended | Rs. | 3,300 |
| Soil application (<i>Trichoderma viridi</i>) 2.5 Kg | Rs. | 350 |
| Seed treatment with <i>Beauveria bassiana</i> 200g/ha @ Rs 40/200g | Rs. | 40 |
| Spraying with <i>Metarhizium anisopliae</i> 4 Kg/ha @ Rs 135/Kg | Rs. | 540 |
| Biofertilizers (<i>Azospirillum</i> + <i>Phosphobacteria</i>) | Rs. | 300 |
| MN Mixture(@12.50 kg/Ha) | Rs. | 1300 |
| Organic fertilizers | Rs. | 3,000 |
| TOTAL | Rs. | 10,830 |

Sorghum

| | | |
|---|------------|---------------|
| Land preparation | Rs. | 3,000 |
| Seeds (@ 10 Kg/Ha) | Rs. | 750 |
| Line Sowing | Rs. | 1,800 |
| Seed treatment / Soil application (<i>Trichoderma viridi</i>) | Rs. | 350 |
| Biofertilizers (<i>Azospirillum</i> + <i>Phosphobacteria</i>) | Rs. | 300 |
| MN Mixture(@12.50 kg/Ha) | Rs. | 1300 |
| Organic Fertilizers | Rs. | 3,000 |
| TOTAL | Rs. | 10,500 |

| Ragi | | |
|---|------------|---------------|
| Land preparation | Rs. | 3,000 |
| Seeds (@ 5 Kg/Ha) | Rs. | 500 |
| Seed treatment / Soil application (Trichoderma viridi) | Rs. | 350 |
| Biofertilizers (Azospirillum+Phosphobacteria) | Rs. | 300 |
| Line Transplantation of Ragi | Rs. | 2,200 |
| MN Mixture(@12.50 kg/Ha) | Rs. | 1,300 |
| Organic Fertilizers | Rs. | 3,000 |
| TOTAL | Rs. | 10,650 |

| Cumbu | | |
|---|------------|---------------|
| Land preparation | Rs. | 3,000 |
| Seeds (@ 5 Kg/Ha) | Rs. | 500 |
| Seed treatment / Soil application (Trichoderma viridi) | Rs. | 350 |
| Biofertilizers (Azospirillum + Phosphobacteria) | Rs. | 300 |
| Line Sowing | Rs. | 2,200 |
| MN Mixture(@12.50 kg/Ha) | Rs. | 1,300 |
| Organic Fertilizers | Rs. | 3,000 |
| TOTAL | Rs. | 10,650 |

| Minor Millets | | |
|---|------------|---------------|
| Land preparation | Rs. | 3,000 |
| Seeds (@ 10 Kg/Ha) | Rs. | 1,100 |
| Seed treatment / Soil application (Trichoderma viridi) | Rs. | 350 |
| Biofertilizers (Azospirillum + Phosphobacteria) | Rs. | 300 |
| Line Sowing | Rs. | 1,800 |
| MN Mixture(@12.50 kg/Ha) | Rs. | 1,300 |
| Organic Fertilizers | Rs. | 3,000 |
| TOTAL | Rs. | 10,850 |

| Pulses | | |
|--|------------|---------------|
| Land preparation | Rs. | 2,800 |
| Seeds (@ 20 Kg/Ha) | Rs. | 2,000 |
| Seed treatment, Soil application (Trichoderma viridi) | Rs. | 350 |
| Line Sowing | Rs. | 1,000 |
| Biofertilizers (Rhizobium+Phosphobacteria) | Rs. | 300 |
| MN Mixture(@5.0 kg/Ha) | Rs. | 665 |
| Organic Fertilizers | Rs. | 3,000 |
| DAP foliar spray (25 Kg/Ha) | Rs. | 650 |
| TOTAL | Rs. | 10,765 |

| Groundnut | | |
|---|------------|-----------------------|
| Seeds (@ 200 Kg/Ha) Total amount-Rs.18,800 | Rs. | 4,630 (Restricted) |
| Seed treatment T.viride @ 4 g / kg of seed-800 gm/ha. | Rs. | 150 |
| M N Mixture (@12.50 kg/Ha) | Rs. | 1000 |
| Gypsum(@ 400 kg/Ha) | Rs. | 1,400 |
| Organic Fertilizers | Rs. | 3,000 |
| TOTAL | Rs. | 10,180 |

| Gingelly | | |
|--|------------|---------------|
| Land preparation | Rs. | 3,000 |
| Seeds (@ 5 Kg/Ha) | Rs. | 780 |
| Seed treatment, Soil application (Trichoderma viridi) | Rs. | 350 |
| Assistance for thinning operation @- Rs.1200/Ha-2times | Rs. | 2,400 |
| Biofertilizers (Azospirillum+Phosphobacteria) | Rs. | 300 |
| Mnso ₄ (@5 kg/Ha) | Rs. | 400 |
| Organic Fertilizers | Rs. | 3,000 |
| TOTAL | Rs. | 10,230 |

| Cotton | | |
|---|------------|---------------|
| Land preparation | Rs. | 2800 |
| Seeds (@ 15 Kg/Ha) | Rs. | 1,500 |
| Seed treatment , Soil application (Trichoderma viridi) - 4g +2.5 Kg | Rs. | 350 |
| Biofertilizers | Rs. | 300 |
| MN Mixture (@12.50 kg/Ha) | Rs. | 1570 |
| NPV-500 ml per Ha | Rs. | 425 |
| DAP foliar spray (@25 kg/Ha) and Multi K | Rs. | 1,000 |
| Organic Fertilizers | Rs. | 3,000 |
| TOTAL | Rs. | 10,945 |

| Sugarcane | | |
|--|------------|---------------------------------------|
| Two budded sugarcane setts -75,000setts/ha @Rs.425/1000 setts | | Rs.31,875 restricted to Rs.4025 |
| Sugarcane MN Mixture - 50kg/ha @ Rs.65/kg | Rs. | 3250 |
| Biofertilizer- Sett treatment and soil application of bio fertilizer -(Azospirillum & Phosphobacteria) | Rs. | 600 |
| Organic Fertilizers | Rs. | 3,000 |
| TOTAL | Rs. | 10,875 |

Assistance of Rs.5,000 will be provided for one crop. In that an assistance of Rs.300 per ha should be provided for Inter/Bund Crop. Savings in one input may be utilized in other critical inputs.

Appendix BHorticulture

The illustrative package for implementation of different Horticulture Based Farming System

I. Mango+black gram/horse gram/cowpea

- Total cost - Rs.50,000/-
- Spacing - 10 m x 10 m
- Population - 100 plants per Ha

| Sl. No | Activities/ Inputs | Total cultivation cost per Ha |
|--------|--|-------------------------------|
| 1 | Cost of soft wood mango grafts @ Rs. 50/ graft | 5,000 |
| 2 | Cost of taking pits, filling and planting | 8,000 |
| 3 | Ploughing and field preparation for intercropping | 12,100 |
| 4 | Cost of pulses/oilseeds for inter cropping | 2,000 |
| 5 | INM and IPM | 9,400 |
| 6 | Intercultural operations like irrigations, weeding and staking of plants | 13,500 |
| | Total | 50,000 |

- Subsidy restricted to Rs. 17,500/- per Ha

II. Mango + Black gram/horse gram/cowpea

- Total cost - Rs.50,000/-
- Spacing - 10 m x 10 m
- Population - 100 plants per Ha

| Sl. No | Activities/ Inputs | Total cultivation cost per Ha |
|--------|--|-------------------------------|
| 1 | Cost of Approach mango grafts @ Rs.70/graft | 7,000 |
| 2 | Cost of taking pits, filling and planting | 8,000 |
| 3 | Ploughing and land preparation | 11,000 |
| 4 | Cost of black gram/horse gram/cowpea seed for inter cropping | 2000 |
| 5 | INM and IPM | 9,000 |
| 6 | Intercultural operations like irrigations, weeding and staking of plants | 13,000 |
| | Total | 50,000 |

- Subsidy restricted to Rs. 17,500/- per Ha

III. Acid lime + black gram/green gram/cow pea

- Total cost - Rs.50,000/-
- Spacing – 5 m x 5 m
- Population - 400 plants per Ha

| Sl. No | Activities/ Inputs | Total cultivation cost per Ha |
|--------|--|-------------------------------|
| 1 | Cost of Acid lime layers @ Rs.25 / planting material | 10,000 |
| 2 | Cost of taking pits, filling of pits and planting | 8,000 |
| 3 | Ploughing and field preparation | 12,500 |
| 4 | Cost of Pulses seed for inter cropping | 2,000 |
| 5 | INM and IPM | 8,875 |
| 6 | Intercultural operations like irrigations, weeding and staking of plants | 8,625 |
| | Total | 50,000 |

- Subsidy restricted to Rs. 17,500/- per Ha

IV. Sapota+ Pulses

- Total cost - Rs.50,000/-
- Spacing – 8 m x 8 m
- Population - 156 plants per Ha

| Sl. No | Activities/ Inputs | Total cultivation cost per Ha |
|--------|--|-------------------------------|
| 1 | Cost of Sapota graft / jack graft @ Rs.60/ graft | 9360 |
| 2 | Cost of Pulses seeds for inter cropping | 2,000 |
| 3 | Cost of taking pits, filling and planting | 8,000 |
| 4 | Ploughing and field preparation | 12,500 |
| 5 | INM and IPM | 9040 |
| 6 | Intercultural operations like irrigations, weeding and staking of plants | 9,100 |
| | Total | 50,000 |

- Subsidy restricted to Rs. 17,500/- per Ha

V Tapioca+Black gram/Maize/red gram/castor /cowpea

- Total cost - Rs.50,000/-
- Spacing – 60 cm x 60cm
- Population –27,777 sets

| Sl. No | Activities/ Inputs | Total cultivation cost per Ha |
|--------|--|-------------------------------|
| 1 | Cost of Tapioca setts | 5,500 |
| 2 | Ploughing, field preparation | 12,000 |
| 3 | Cost of Pulses seeds/castor/maize/ cowpea seeds for inter cropping | 2,000 |
| 4 | planting and sowing cost | 5,500 |
| 5 | INM and IPM | 15,000 |
| 6 | Intercultural operations like irrigations, weeding and staking of plants | 10,000 |
| | Total | 50,000 |

- Subsidy restricted to Rs. 17,500/- per Ha

VI. Mandarin Orange + Banana

- Total cost - Rs.50,000/-
- Spacing – 6 m x 6 m
- Population - 277 plants per Ha

| Sl.No | Activities/ Inputs | Total cultivation cost per Ha |
|-------|--|-------------------------------|
| 1 | Cost of Mandarin orange budded @ Rs.35/no | 9,695 |
| 2 | Cost of banana suckers Rs. 10/suckers | 7,500 |
| 3 | Cost of taking pits, filling and planting | 8,000 |
| 4 | Ploughing and land preparation | 12,000 |
| 5 | INM and IPM | 8,000 |
| 6 | Intercultural operations like irrigations, weeding and staking of plants | 4,805 |
| | Total | 50,000 |

- Subsidy restricted to Rs. 17,500/- per Ha

VII. Moringa + Black gram/Maize/red gram/castor/cowpea

- Total cost - Rs.50,000/-
- Spacing – 2 m x 2 m
- Population –2500 plants per Ha

| S. No | Activities/ Inputs | Total cost per Ha |
|-------|--|-------------------|
| 1 | Cost of Moringa seedlings @ Rs.10/ seedling | 25,000 |
| 2 | Cost of Pulses/castor/ cowpea seeds for inter cropping | 2,000 |
| 3 | Cost of taking plts, filling and planting | 8,000 |
| 4 | Ploughing and land preparation | 7,000 |
| 5 | INM and IPM | 5,000 |
| 6 | Intercultural operations like irrigations, weeding and staking of plants | 3,000 |
| | Total | 50,000 |

- Subsidy restricted to Rs. 17,500/- per Ha

VIII. Cashew + Black gram /Vegetables/cowpea

- Total cost - Rs.50,000/-
- Spacing – 7mx7m
- Population – 204 plants per Ha

| Sl.No | Activities/ Inputs | Total cultivation cost per Ha |
|-------|--|-------------------------------|
| 1 | Cost of cashew grafts @ Rs40 / grafts | 8160 |
| 2 | Cost of taking pits, filling and planting | 8,000 |
| 3 | Ploughing and field preparation | 12,500 |
| 4 | Cost of Pulses seeds for inter cropping | 2,000 |
| 5 | INM and IPM | 7700 |
| 6 | Intercultural operations like irrigations, weeding and staking of plants | 11,640 |
| | Total | 50,000 |

- Subsidy restricted to Rs. 17,500/- per Ha

IX. Coffee+Pepper+Silver Oak

- Total cost - Rs.50,000/-

| Sl.No | Activities/ Inputs | Total cost per Ha |
|-------|--|-------------------|
| 1 | Cost of planting materials of Pepper+coffee+Silver Oak | 26,070 |
| 2 | Cost of taking pits, filling and planting | 7,000 |
| 3 | Ploughing and field preparation | 9,000 |
| 4 | INM and IPM | 5,000 |
| 5 | Intercultural operations like irrigations, weeding and staking of plants | 2,930 |
| | Total | 50,000 |

- Subsidy restricted to Rs. 17,500/- per Ha

X. Pomegranate + Pulses

- Total cost - Rs.50,000/-
- Spacing - 5mx5m
- Population - 400 plants per Ha

| Sl. No | Activities/ Inputs | Total cultivation cost per Ha |
|--------|--|-------------------------------|
| 1 | Cost of Pomegranate layer @ Rs.30 layer | 12,000 |
| 2 | Cost of taking pits, filling and planting | 8,000 |
| 3 | Ploughing and field preparation | 10,000 |
| 4 | Cost of pulses seeds for inter cropping | 2,000 |
| 5 | INM and IPM | 9,000 |
| 6 | Intercultural operations like irrigations, weeding and staking of plants | 9,000 |
| | Total | 50,000 |

- Subsidy restricted to Rs. 17,500/- per Ha

XI . Amla+ black gram/green gram/cow pea

- Total cost - Rs.50,000/-
- Spacing – 6 m x 6 m
- Population - 277 plants per Ha

| Sl. No | Activities/ Inputs | Total cultivation cost per Ha |
|--------|--|-------------------------------|
| 1 | Cost of Amla grafts @ Rs.40 / planting material | 11,080 |
| 2 | Cost of taking pits, filling of pits and | 8,000 |
| 3 | Ploughing and field preparation | 12,500 |
| 4 | Cost of Pulses seed for inter cropping | 2,000 |
| 5 | INM and IPM | 7,795 |
| 6 | Intercultural operations like irrigations, weeding and staking of plants | 8,625 |
| | Total | 50,000 |

XII. Guava+ black gram/green gram/cow pea

- Total cost - Rs.50,000/-
- Spacing – 6 m x 6 m
- Population - 277 plants per Ha

| Sl. No | Activities/ Inputs | Total cultivation cost per Ha |
|--------|--|-------------------------------|
| 1 | Cost of Guava layers grafts @ Rs.30 / planting material | 8,310 |
| 2 | Cost of taking pits, filling of pits and | 8,000 |
| 3 | Ploughing and field preparation | 12,500 |
| 4 | Cost of Pulses seed for inter cropping | 2,000 |
| 5 | INM and IPM | 10,565 |
| 6 | Intercultural operations like irrigations, weeding and staking of plants | 8,625 |
| | Total | 50,000 |

- Subsidy restricted to Rs. 17,500/- per Ha

C. SAMAYAMOORTHY
AGRICULTURAL PRODUCTION COMMISSIONER
AND SECRETARY TO GOVERNMENT

//TRUE COPY//


 22/11/22
SECTION OFFICER