



ABSTRACT

Agriculture and Farmers Welfare - Administrative Approval for an amount of Rs.231.960 lakh and Financial sanction for an amount of Rs.57.983 lakh as First instalment under Food and Nutrition Security- Commercial Crops (FNS-CC)- Cotton and Sugarcane during the year 2022-23 - Orders - Issued.

AGRICULTURE AND FARMERS WELFARE (AP4) DEPARTMENT

G.O. (Ms) No.192

Dated: 25.08.2022

சுபகிருது வருடம் ஆவணி 09,
திருவள்ளூர் ஆண்டு 2053,

Read:

1. From the Government of India Letter F.No.2- 16/2020-CU-IV,
Dated: 24.05.2022
2. From the Government of India Letter F.No.2-16/2020- CU-IV,
Dated: 01.08.2022 (3 letters)
3. From the DOA Letter No GOI-2/123075/21, Dated 04.08.2022.

ORDER:

In the letter first read above, the Government of India have conveyed the administrative approval for the implementation of Food and Nutrition Security (FNS)- Commercial Crops during 2022-23 along with 2021-22 committed liabilities for an outlay of Rs.231.960 lakh (GOI share Rs.139.170 lakh + State Share Rs.92.790 lakh) comprising FNS- Cotton at Rs.183.470 lakh and FNS Sugarcane at Rs.48.490 lakh in the sharing pattern of 60:40 between Central and State Government.

2.In the Government of India letter Second read above, Government of India have conveyed their approval for financial sanction for a sum of Rs.34.790 lakh towards release of 1st installment (central share) of Grants-in-Aid to the State of Tamil Nadu for implementation of FNS-Cotton and Sugarcane during 2022-23. The Category-wise, Component-wise details (General, SC, ST) are as follows:-

Sl. No	Component	Category wise fund released by GOI in First Installment during 2022-23 (Rs in lakh)			
		General	SC	ST	Total
1	FNS-Cotton	22.010	5.230	0.280	27.520
2	FNS-Sugarcane	5.820	1.380	0.070	7.270
	Grand Total	27.830	6.610	0.350	34.790

3. In the letter 3rd read above, the Director of Agriculture, has reported about that corresponding matching State's Share (40%) to be released by Government for an amount of Rs.23.193 lakh and totalling to Rs.57.983 lakh as detailed below:-

Sl. No	Component	Financial Sanction proposed for 1st Installment during 2022-23 (Rs in lakh)		
		GOI Share	State Share	Total
1	FNS-Cotton	27.520	18.347	45.867
2	FNS-Sugarcane	7.270	4.846	12.116
	Grand Total	34.790	23.193	57.983

4. The Director of Agriculture, has therefore, requested the Government to accord Administrative approval for an outlay of Rs.231.960 lakh (Government of India share Rs.139.170 lakh + State Share Rs.92.790 lakh) and to accord financial sanction for Rs. 57.983 lakh (Government of India share Rs.34.790 lakh + State Share Rs.23.193 lakh) as First Instalment for the implementation of Food and Nutrition Security (Erstwhile National Food Security Mission) -Commercial Crops during 2022-2023. The category and crop wise allocation of funds under FNS -Cotton and Sugarcane for first instalment as detailed below:

Table:1

Component	Annual Action Plan approved by Government of India (Rs in lakh)								
	Outlay approved for 2022-23			Outlay approved for 2021-22 committed liability			Total outlay approved by Government of India		
	GOI Share	State Share	Total	GOI Share	State Share	Total	GOI Share	State Share	Total
FNS-Cotton	46.980	31.320	78.300	63.100	42.070	105.170	110.080	73.390	183.470
FNS-Sugarcane	24.780	16.520	41.300	4.310	2.880	7.190	29.090	19.400	48.490
Grand Total	71.760	47.840	119.600	67.410	44.950	112.360	139.170	92.790	231.960

Table:2

S - No	Intervention	Share	Category wise Funds proposed as 1 st release during 2022 - 2023 (Rs in lakh)			
			Genl	SC	ST	Total
1	FNS-Cotton	GOI	22.010	5.230	0.280	27.520
		State	14.673	3.487	0.187	18.347
		Total	36.683	8.717	0.467	45.867
2	FNS-Sugarcane	GOI	5.820	1.380	0.070	7.270
		State	3.880	0.920	0.046	4.846
		Total	9.700	2.300	0.116	12.116
	Total FNS Commercial crops	GOI	27.830	6.610	0.350	34.790
		State	18.553	4.407	0.233	23.193
		Total	46.383	11.017	0.583	57.983

5. The Government, after careful examination of the proposal of the Director of Agriculture, hereby accord Administrative approval for an outlay of Rs.231.960 lakh (Government of India share Rs.139.170 lakh + State Share Rs.92.790 lakh) and financial sanction for a sum of Rs.57.983 lakh (Government of India share Rs.34.790 lakh + State Share Rs.23.193 lakh) as First Instalment for the implementation of Food and Nutrition Security- Commercial crops (Erstwhile National Food Security Mission) during 2022-2023 as detailed below:-

Table:1

Component	Annual Action Plan approved by Government of India (Rs in lakh)								
	Outlay approved for 2022-23			Outlay approved for 2021-22 committed liability			Total outlay approved by Government of India		
	GOI Share	State Share	Total	GOI Share	State Share	Total	GOI Share	State Share	Total
FNS-Cotton	46.980	31.320	78.300	63.100	42.070	105.170	110.080	73.390	183.470
FNS-Sugarcane	24.780	16.520	41.300	4.310	2.880	7.190	29.090	19.400	48.490
Grand Total	71.760	47.840	119.600	67.410	44.950	112.360	139.170	92.790	231.960

Table:2

S. No	Intervention	Share	Category wise Funds released as 1 st release during 2022 – 2023 (Rs in lakh)			
			Genl	SC	ST	Total
1	FNS-Cotton	GOI	22.010	5.230	0.280	27.520
		State	14.673	3.487	0.187	18.347
		Total	36.683	8.717	0.467	45.867
2	FNS-Sugarcane	GOI	5.820	1.380	0.070	7.270
		State	3.880	0.920	0.046	4.846
		Total	9.700	2.300	0.116	12.116
	Total FNS Commercial crops	GOI	27.830	6.610	0.350	34.790
		State	18.553	4.407	0.233	23.193
		Total	46.383	11.017	0.583	57.983

6. The expenditure sanctioned in para 5 above shall be debited to the following heads of account:

Central Share	(Rupees in lakh)
2401-00 -Crop Husbandry- 112 Development of Pulses-Schemes Shared between State and Centre- UB National Food Security Mission(NFSM) –Other crops-309 Grants in Aid- 03 Grants for specific schemes (IFHRMS DPC 2401 – 00 – 112 – UB – 30903)	27.830
2401-00 Crop Husbandry- 793 Special Central Assistance for Schedule Castes Component plan - Schemes Shared between State and Centre-UN National Food Security Mission(NFSM) –Other crops-309 Grants in Aid- 03 Grants for specific schemes- (IFHRMS DPC 2401 – 00 – 793 – UN – 30903)	6.610
2401-00 Crop Husbandry- 794- Special Central Assistance for Tribal Sub Plan- Schemes Shared between State and Centre- UJ National Food Security Mission(NFSM) –Other crops-309 Grants in Aid- 03 Grants for specific schemes (IFHRMS DPC 2401 – 00 – 794 – UJ – 30903)	0.350

State Share	
2401-00 -Crop Husbandry- 112 Development of Pulses- Schemes Shared between State and Centre- UD National Food Security Mission(NFSM) -Other crops- State Share- 309 Grants in Aid- 03 Grants for specific schemes (IFHRMS DPC 2401 - 00 - 112 - UD - 30903)	18.553
2401-00 Crop Husbandry- 793 Special Central Assistance for Schedule Castes Component plan- Schemes Shared between State and Centre-VG National Food Security Mission(NFSM) -Other crops- State Share- 309 Grants in Aid- 03 Grants for specific schemes- (IFHRMS DPC 2401 - 00 - 793 - VG - 30903)	4.407
2401-00 Crop Husbandry- 794 Special Central Assistance for Tribal Sub Plan- Schemes Shared between State and Centre- VB National Food Security Mission(NFSM) -Other crops-State Share-309 Grants in Aid- 03 Grants for specific schemes (IFHRMS DPC 2401 - 00 - 794 - VB- 30903)	0.233
Total	57.983

7. Necessary funds of Rs.57,98,300/- will be provided under respective Heads of Account. The Director of Agriculture is authorized to draw and disburse the amount sanctioned in para.5 above to the Single Nodal Bank Accounts of the Directorate of Agriculture -NFSM Pulses (SNA). The details of SNA accounts are given below:-

(i)	Central Scheme Code	9140
(ii)	State Scheme code	TN 191
(iii)	Name of Single Nodal Agency (SNA)	Directorate of Agriculture NFSM Pulses
(iv)	Unique ID assigned to SNA	TNCH00006525
(v)	Single Nodal Bank Account Details: Name of Bank/ Branch	ICICI Bank/K.K.Nagar
(vi)	IFSC Code:	ICIC0000077
(vii)	Bank Account No.	007701027743

8.The following orders are also issued:-

a)	Permission is accorded to authorize the District Joint Directors of Agriculture concerned to draw the required amount to conduct Cropping System Based Training as per the target.
b)	Permission is accorded to authorize the Director of Agriculture to issue necessary executive instructions in continuation of the guidelines issued, as and when situation arises.
c)	Permission is accorded to permit the concerned Joint Directors of Agriculture to draw and disburse the amount pertaining to Bio Agents to the concerned production units as and when required.

9. The Government also direct the Director of Agriculture to strictly follow the detailed operational guidelines issued with this order, while implementing various components under Food and Nutrition Security – Commercial Crops (FNS-CC) Cotton and Sugarcane (Erstwhile National Food Security Mission) for the year 2022-23.

10.The Director of Agriculture is further directed to submit the monthly progress report incorporating component wise Physical and Financial achievement report by 15th of every month regularly. The Annual Progress Report and Utilization Certificate in the prescribed format GFR-12(C) at the end of the year, to the Government of Tamil Nadu and Government of India.

11. This order issues with the concurrence of Finance Department vide its U.O. No.40884/2022,Fin (Agri & FW) dated 24.08.2022

(BY ORDER OF THE GOVERNOR)

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

To

The Mission Director/ The Director of Agriculture, Chennai-5.
The Executive Director, Tamil Nadu Watershed Development Agency,Chennai-32.

The Principal Accountant General (AAD), Chennai- 18.

The Principal Accountant General (G&SSA), Chennai-18.

The Principal Accountant General (E&RSA), Chennai-18.

The Accountant General, Chennai-18.

The Accountant General (A&E), Chennai - 18/(By name)

The Accountant General (Audit),Chennai-18./(By name)

The Pay and Accounts Officer (East), Chennai-8.
The Residential Audit Officer, O/o. the Principal Accountant General
(Social Sector Audit), Chennai-9.
The Treasury Officers concerned.

Copy to

The Secretary to Government of India, Ministry of Agriculture,
Department of Agriculture and Cooperation, Krishi Bhawan,
New Delhi-110 001.
The Director (Crops), Government of India, Ministry of Agriculture,
Department of Agriculture and Cooperation, Krishi Bhawan,
New Delhi-110 001.
The Additional Commissioner (Crops), Government of India, Ministry of
Agriculture, Department of Agriculture and Cooperation, Krishi Bhawan,
New Delhi-110 001.
The Director, Directorate of Rice Development, Patna-800025
The Director, Directorate of Pulses Development, 6th floor, vindhyachal
bhawan bhopal-462004,
The Director, Directorate of Millets Development, Kendriya Sadan Room
No. 210, 2nd Floor, Block-A, Sector-10, Vidyadhar Nagar, Jaipur-302023.
The Commissioner of Agriculture Marketing and Agri Business, Chennai-32.
The Private Secretary to Agricultural Production Commissioner and
Secretary to Government, Agriculture and Farmers Welfare Department,
Chennai-9.
The Finance (Agri/BG I/ BG II) Department, Chennai-9.
The Planning, Development and Special Initiatives Department, Chennai-9.
The Agriculture and Farmers Welfare (OP3) Department,
Chennai- 9. (2 Copies)
The Assistant Programmer, Agriculture and Farmers Welfare Department,
Chennai -9.
Stock files and Spare copies.

//FORWARDED BY ORDER//

P. V. Kumar
SECTION OFFICER

10/11/22
25/8/22

G.O.(Ms)No.192 Agriculture & FW (AP4) Department, dated 25.08.2022
Annexure

Food & Nutrition Security (FNS) - 2022- 2023 - Commercial crops - administrative approval and Financial sanction for 1st installment release of fund

Sl. No.	Interventions	Approved Rate of Assistance	Unit	Target approved Administrative approval during the year 2022- 2023				Target approved for first release during 2022 - 2023			
				Phy	GOI share	State Share	Total	Phy	GOI share	State Share	Total
1. Cotton based cropping system:											
1	Front Line Demonstration on Integrated Crop Management (ICM)	Rs.8000/ha		200	9.600	6.400	16.000	150	7.200	4.800	12.000
2	Front Line Demonstration on ELS cotton/ELS Cotton Seed Production	Rs.9000/ha	Ha.	200	10.800	7.200	18.000	100	5.400	3.600	9.000
3	Front Line Demonstration on Intercropping	Rs.8000/ha		200	9.600	6.400	16.000	120	5.760	3.840	9.600
5	Trials on High Density Planting System	Rs.10000/ha		200	12.000	8.000	20.000	100	6.000	4.000	10.000
6	State Level training	Rs.40000/training	No.	5	1.200	0.800	2.000	3	0.720	0.480	1.200
7	Distribution of Bio-control agents viz., Trichoderma viride, NPV& Trichogramma sp.	Rs.500/ha or 50% of the cost, whichever is less	Ha.	1260	3.780	2.520	6.300	813.4	2.440	1.627	4.067
	AAP for Cotton 2022-23				46.980	31.320	78.300	1286.4	27.520	18.347	45.867
	2021-22 committed liability				63.102	42.068	105.170		0.000	0.000	0.000
	Total Cotton				110.082	73.388	183.470		27.520	18.347	45.867

Food & Nutrition Security (FNS) - 2022- 2023 - Commercial crops - administrative approval and Financial sanction for 1st installment release of fund

Sl. No.	Interventions	Approved Rate of Assistance	Unit	Target approved Administrative approval during the year 2022- 2023			Target approved for first release during 2022 - 2023				
				Phy	Finance (Rs. In Lakh)		Phy	Finance (Rs. In Lakh)			
					GOI share	State Share		Total	GOI share	State Share	Total
2.Sugarcane based cropping system:											
1	Demonstration on Intercropping/Single bud chip technology with Sugarcane.	Rs.9000/ha	Ha.	350	18.900	12.600	31.500	75	4.050	2.700	6.750
2	Production / Supply of Tissue culture plantlets / Seedlings	Rs.3.5/Seedling	No.	100000	2.100	1.400	3.500	50,000	1.050	0.700	1.750
3	State Level training	Rs.40000/training	No.	5	1.200	0.800	2.000	3	0.720	0.480	1.200
4	Distribution of Bio-control agents viz., Trichoderma viride, NPV& Trichogramma sp.	Rs.500/ha or 50% of the cost, whichever is less	Ha.	860	2.580	1.720	4.300	483.2	1.450	0.966	2.416
	AAP for Sugarcane 2022-23				24.780	16.520	41.300		7.270	4.846	12.116
	2021-22 committed liability				4.314	2.876	7.190		0.000	0.000	0.000
	Total Sugarcane				29.094	19.396	48.490		7.270	4.846	12.116
	Total AAP of 2022-23 (Cotton & Sugarcane)				71.760	47.840	119.600		34.790	23.193	57.983
	Total committed liability 2021-22(Cotton & Sugarcane)				67.416	44.944	112.360		0.000	0.000	0.000
	Grand Total (Cotton & sugarcane)				139.176	92.784	231.960		34.790	23.193	57.983

C. SAMAYAMOORTHY
AGRICULTURAL PRODUCTION COMMISSIONER
AND SECRETARY TO GOVERNMENT

//TRUE COPY //

SECTION OFFICER

G.N.Human
15.8.22

G.O.(Ms)No. 192 Agriculture & FW (AP4) Department, dated 25.08.2022
Operational Guidelines for Food and Nutrition Security Commercial
Crops (FNS-CC)- Cotton and Sugarcane-2022-2023

Implementation of Cotton and Sugarcane Scheme during the year 2022-2023, general guidelines for selection of beneficiaries, criteria for selecting a demonstration plot, arrangement of critical inputs, Need based inputs are to be followed as per the guideline issued for Food and Nutrition Security –Food Crops.

Component wise specific guidelines are as follows:-

Food and Nutrition Security - Cotton

A. Components implemented by Department of Agriculture

Budget allocation: Rs. 78.30 Lakh

I. Front line demonstration on Integrated Crop Management

- Rate of Assistance Rs. 8000/- per ha
- **Districts covered:** Cuddalore, Kallakurichi, Salem, Namakkal, Dharmapuri, Perambalur, Ariyalur, Madurai, Dindigul, Virudhunagar, and Thoothukudi districts.
- Should be arranged in clusters of at least 10 Ha. For each farmer, at least one acre shall be included in a demonstration. Maximum of 2 Ha/farmer.
- Seed indent shall be placed with TNAU or NSC if it is not procured in AECs.

S. No	Interventions	Qty/Ha	Allocation Rs/Ha.	Source of Input
1	Bund cropping with pulses or millets or castor	3-5 Kg	500	Govt
2	Liquid bio-fertilizer – Azospirillum & Phosphobacteria	500 mL+ 500 mL	300	Govt
3	Trichoderma viride -Seed treatment (4g/kg)and soil application 2.5 Kg/Ha	3 Kg	400	Govt
4	Cotton Micro Nutrient Mixture	12.5 Kg	1400	Govt
5	Trichogramma chilonis	15-18 cards	500	Govt

6	CREMIT product to control PBW	375 g	3900	Private
7	Contingencies (POL, Field day, documentation etc.,)		1000	
	Total cost norm for One ha.		8000	
Any variation in the input cost may be adjusted in the total cost.				

II. Front line demonstration on ELS cotton/ELS Cotton Seed Production

- Rate of Assistance Rs.9000/- per ha.
- ELS Varieties are Surabhi, Suraj, SUVIN, MCU-5, MCU-5 VT, CO-14.
- Districts covered: Salem, Namakkal, Dharmapuri, Erode, Madurai, Dindugal, Theni and Coimbatore districts.
- Seed indent shall be placed with TNAU, NSC or SIMA-CDRA by the concerned districts if it is not procured in AECs.
- Should be arranged in clusters of at least 10 Ha. For each farmer, at least one acre shall be included in a demonstration. Maximum of 2 Ha/farmer.

S. No	Interventions	Qty/Ha	Allocation Rs/Ha.	Source of Input
1	Extra Long Staple Varietal Cotton Seeds @ 5 Kg for Delinted seeds (or) 8 Kg for fuzzy seeds	5-8 Kg	2300	Govt/Private
2	Trichoderma viride -Seed treatment (4g/kg)and soil application 2.5 Kg/Ha	3 Kg	400	Govt
3	Cotton Micro Nutrient Mixture	12.5 Kg	1400	Govt
4	CREMIT product to control PBW	375 g	3900	Private
	Contingencies (POL, Field day, documentation etc.,)		1000	
	Total cost norm for One ha.		9000	
Any variation in the input cost may be adjusted in the total cost.				

III. Front line demonstration on Intercropping in cotton

- Rate of Assistance Rs. 8000/- per ha.
- Districts covered: Salem, Namakkal, Madurai, Virudhunagar, and Tenkasi districts.
- Seed indent shall be placed with TNAU or NSC if it is not procured in AECs.
- Should be arranged in clusters of at least 10 Ha. For each farmer, at least one acre shall be included in a demonstration. Maximum of 2 Ha/farmer.

S. No	Interventions	Qty/Ha	Allocation Rs/Ha	Source of Input
1	Intercrop- Certified Seeds of Pulses or millets or Castor	10-12 Kg	1000	Govt/ Private
2	Liquid bio-fertilizer – Azosprillum & Phosphobacteria	500 mL + 500 mL	300	Govt
3	Trichoderma viride -Seed treatment (4g/kg)and soil application 2.5 Kg/Ha	3 Kg	400	Govt
4	Cotton Micro Nutrient Mixture	12.5 Kg	1400	Govt
5	CREMIT product to control PBW	375 g	3900	Private
6	Contingencies (POL, Field day, documentation etc.,)		1000	
	Total cost norm for One ha.		8000	
Any variation in the input cost may be adjusted in the total cost.				

IV. Trials on High Density Planting System

- **Rate of Assistance :Rs. 10000/ ha**
- Should be arranged in clusters of at least 10 Ha. For each farmer, at least one acre shall be included in a demonstration. Maximum of 2 Ha/farmer.

- Implementing districts: Salem, Namakkal, Dharmapuri, Erode, Madurai, Dindigul, Virudhunagar, Tenkasi, Theni and Coimbatore districts.
- Variety: Varieties suitable for High Density Planting System as recommended by TNAU.
- Seed indent shall be placed with Central Institute of Cotton Research, TNAU, or SIMA, CDRA by the concerned districts if it is not procured in AECs.
- A spacing of 60 x 10 cm should be adopted for Rainfed area. Under irrigated condition, for deep soil 90 x 10 cm spacing and for shallow soil 75 x 10 cm should be adopted.

S. No	Interventions	Qty/Ha	Allocation Rs/Ha.	Source of Input
1	Certified Varietal Cotton Seeds	15-20 Kg	3000	Govt/ Private
2	Liquid bio-fertilizer –Azospirillum & Phosphobacteria	500 mL + 500 mL	300	Govt
3	Trichoderma viridie -Seed treatment (4g/kg)and soil application 2.5 Kg/Ha	3 Kg	400	Govt
4	Cotton Micro Nutrient Mixture	12.5 Kg	1400	Govt
5	CREMIT product to control PBW	375 g	3900	Private
6	Contingencies (POL, Field day, documentation etc.,)		1000	
	Total cost norm for One ha.		10000	
Any variation in the input cost may be adjusted in the total cost.				

General Instructions for FLDs and Trials:

- While organizing FLDs and trials on HDPS, JDAs of concerned districts shall coordinate with the nearby Cotton Research Stations/Agricultural Research Stations/KVKs.
- Savings in any of the intervention may be diverted to other interventions not exceeding the total cost norm per ha.
- Implementing districts should send the performance of the FLDs and trials on HDPS after the completion of the programme with appropriate photo documentation and success stories.

V. State Level Training:

- The assistance of Rs. 40000/- per training will be provided for the following items as per the NFSM Commercial Crop guidelines.
- The implementing districts are Namakkal, Perambalur, Madurai, Virudhunagar and Coimbatore districts.

S.No	Particulars	Amount
1.	Honorarium to Resource person @ Rs. 500/- per lecture for 10 lectures	Rs. 5000
2.	Refreshment for inaugural session for 50 persons @Rs.50/- per head	Rs. 2500
3.	Boarding and lodging for trainees @Rs.500/- per head per day for 20 participants for 2 days	Rs.20000
4.	Training Kit including publication @Rs.400/- per trainee	Rs. 8000
5.	Contingencies including audio visual arrangements, stationary, field visit etc	Rs. 4500
	Total	Rs. 40000

VI: Distribution of Bio-control agents

Rate of assistance	:	Biocontrol agents @ Rs.500/ ha. or 50% of the cost whichever is less. Trichoderma viride @ 3 Kg/Ha, NPV @ 500 mL/Ha
Source of inputs	:	Department
Recommendation	:	Maximum of 2 Ha/ farmer/year.
Districts	:	Cuddalore, Kallakurichi, Salem, Namakkal, Dharmapuri, Erode, Perambalur, Ariyalur, maduri, Dindigul, Virudhunagar, Tenkasi, Thoothukudi, Theni and Coimbatore districts.
General Instructions	:	ADAs should make necessary indent to respective production center in advance and ensure that inputs are supplied in time. Physical target may be increased without exceeding financial allocation.

Food and Nutrition Security – Sugarcane

A. Components implemented by Department of Agriculture

- **Budget allocation Rs: 41.30 Lakh**

I. Demonstrations on intercropping and Single Bud Chip Technology in Sugarcane

- **Rate of Assistance :Rs. 9000/ ha.**
- Should be arranged in clusters of at least 10 Ha. For each farmer, at least one acre shall be included in a demonstration. Maximum of 2 Ha/farmer.
- Implementing Districts: Cuddalore, Kallakurichi, Villupuram, Salem, Namakkal, Dharmapuri, Erode, Perambalur, Ariyalur, Thiruvannamalai, Thanjavur, Theni, Pudukottai and, Chengalpattu, districts.
- Beneficiary will be identified by the Block Assistant Director of Agriculture/Agricultural Officer/Assistant Agricultural Officer.
- Assistant Director of Agriculture of the block concerned shall also visit the demonstration field during the critical growth stages and send the performance report.

S. No	Interventions	Qty/Ha	Allocation Rs/Ha.	Source of Input
1	Pulses seed for intercropping	15 – 20 Kg	1600	Govt
2	Micro nutrient mixture	50 Kg	2200	Govt
3	Sett treatment and soil application of Liquid Bio fertilizer –(Azosprillum & Phosphobacteria)	500 mL+ 500 mL	600	Govt
4	Organic fertilizers (Quantity restricted to fund allocation)		3600	Govt/Private
5	Contingency (POL, field day, documentation etc.,)		1000	
	Total cost norm for One ha.		9000	
Any variation in the input cost may be adjusted in the total cost.				

II. State level training

- The assistance of Rs. 40000/- per training will be provided for the following items as per the NFSM Commercial Crop guidelines.
- Implementing Districts/Institution: Cuddalore, Kallakurichi, Salem, Erode districts as well as Sugarcane Breeding Institute, Coimbatore.
- The scheme will be implemented by Sugarcane Breeding Institute, Coimbatore in coordination with Department officials.

S. No	Particulars	Amount
1.	Honorarium to Resource person @ Rs. 500/- per lecture for 10 lectures	Rs. 5000
2.	Refreshment for inaugural session for 50 persons @Rs.50/- per head	Rs. 2500
3.	Boarding and lodging for trainees @Rs.500/- per head per day for 20 participants for 2 days	Rs. 20000
4.	Training Kit including publication @Rs.400/- per trainee	Rs. 8000
5.	Contingencies including audio visual arrangements, stationary, field visit etc	Rs. 4500
	Total Cost for One Training	Rs. 40000

III: Distribution of Bio-control agents

Rate of assistance	:	Biocontrol agents @ Rs.500/ ha. or 50% of the cost whichever is less. Trichogramma chilonis @ 15 cards per Hectare and Pseudomonas @ 2.5 Kg/Ha
Source of inputs	:	Department

Recommendation	:	Maximum of 2 Ha/ farmer/year.
Districts	:	Cuddalore, Kallakurichi, Villupuram, Salem, Namakkal, Dharmapuri, Erode, Perambalur, Ariyalur, Thiruvannamalai, Thanjavur, Pudukottai, Chengalpattu, and Theni
General Instructions	:	ADAs should make necessary indent to respective production center in advance and ensure that inputs are supplied in time. Physical target may be increased without exceeding financial allocation.

B. Components implemented by Sugarcane Breeding Institute, Coimbatore

- **Budget Allocation Rs: 3.500 Lakh**

I. Production / Supply of Tissue culture plantlets / seedlings

- **Rate of Assistance: Rs. 3.50/Seedling.**
 - The objective is to supply genetically pure sugarcane tissue culture seedlings to the Sugar Mills and farmers.
 - The scheme will be implemented by Sugarcane Breeding Institute, Coimbatore.
- Monthly progress report, Performance Report of the Front Line Demonstration, Photo Documentation and Utilization Certificate should be furnished after completion of NFSM Commercial crops programme.
- Demonstrations organized under Food and Nutrition Security (FNS)- Commercial crops should be compulsorily geo tagged and also other entries made in the NFSM – MIS Portal.

C. SAMAYAMOORTHY
AGRICULTURAL PRODUCTION COMMISSIONER
AND SECRETARY TO GOVERNMENT

//TRUE COPY //

T.V. Murali
SECTION OFFICER

481
25/8/22