

VIII. 3 : NADP / RKVY- RAFTAAR - PROJECTS APPROVED FOR 2020-21

Rs. in lakh

S. No.	Title of the Project	Allocation	Unit	Pattern of Assistance	Physical	Financial
I	Agriculture					
1	Special Package for bringing fallow lands into Cultivation	1040.00				
a	Millets		Ha	50% of cost limited to Rs.10,000/Ha	4452	445.20
b	Pulses		Ha	50% of cost limited to Rs.9,250/Ha	4488	415.20
c	Oilseeds					
i)	Groundnut		Ha	50% of cost limited to Rs.18,000/Ha	528	95.00
ii)	Gingelly		Ha	50% of cost limited to Rs.10,000/Ha	846	84.60
	Oilseeds total				1374	179.60
	Sub Total				10314	1040.00
2	Special Initiative for intensification of Redgram Transplantation, Sunflower and Castor as pure crop	200.00				
a	Redgram		Ha	Rs.3663/Ha	3548	130.00
b	Sunflower		Ha	50% of cost limited to Rs.10,000/Ha	1000	40.00
c	Castor		Ha	50% of cost limited to Rs.10,000/Ha	1000	30.00
	Oilseeds Total				2000	70.00
	Sub Total				5548	200.00
3	Integrated Pest Management to control Fall Army Worm in Maize	2000.00	Ha	50% of cost limited to Rs.2,000/Ha	100000	2000.00
4	Paddy Production improving interventions	4045.000				
1	Promoting seed production of less than 10 year varieties		MT	Rs. 8 per Kg	5000	400.00

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2	Promoting seed production of Newly released varieties (less than 10 year varieties) through FIGs/FPGs/FPOs/		MT	Rs. 8 per Kg	200	16.00
3	Distribution of Less than 10 year varieties		MT	50% of the cost or Rs.20/-per Kg whichever is less.	2500	500.00
4	Water conservation through SRI /Machine planting		Ha	Rs.5000/- per Ha -back ended	38500	1925.00
5	Water Conservation by SRI /Machine planting through FIG/FPG		Ha	Rs.6000/- per Ha -back ended	5000	300.00
6	Seed Drill Sowing		Ha	50% of the total cost limited to Rs.1500/- per Ha. Back-ended	35000	525.00
7	Nutrient conservation and Farm soil preservation					
a	Biofertilizer		Ha	50% of the cost limited to Rs.2075/ha whichever is less	10000	30.00
b	MN mixture		Ha		10000	50.00
c	Pseudomonas		Nos		10000	27.50
d	Copper sulphate		Ha		10000	50.00
e	Weedicide		Ha		10000	50.00
	Sub Total				10000	207.50
8	Agro Eco System Analysis (AESAs) based Plant Health Management		Nos	50% of the cost limited to Rs.150/ha whichever is less	16259	45.00
9	Management of post Harvest losses - Assistance for distribution of movable Threshing Floor / Tarpaulins		Nos	50% of the total cost or 2500/- per unit whichever is less	911	81.50
10	Publicity and other contingencies		Nos		27	45.00
	Total					4045.00

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5	Second year Maintenance of Replanted Coconut seedlings in the area affected by Gaja Cyclone	750.000	Nos.	50% of the cost of input or Rs.50/- per seedling planted whichever is less	1500000 (Replanted coconut seedlings)	400.00
6	Integrated Farming System - Phase III	1569.900				
a	Establishment of IFS units		Units	Rs.0.60 lakh/unit	2500	1500.00
b	Contingencies @ Rs.0.8 lakh per 100 IFS units		Units	Rs.0.8 lakh per 100 IFS units		20.00
c	Contractual services		SRF & JRF	Rs.16000/month for 12 months;1 JRF per 100 ha		49.90
	Total					1569.90
7	Strengthening of 7 State Seed Farms (SSF) for bringing Fallow land under cultivation for Certified Seed Production	249.40	Nos.	Land development, Mechanization etc.,	7	124.70
8	Construction of Integrated Agricultural Extension Centres in Tamil Nadu	1240.00	Nos.	Civil works	6	1240.00
	Agriculture Total	11094.300				10619.60
II	Horticulture					
1	Establishment of Contemporary Vegetable nurseries in State Horticulture Farms	200.000	Nos	100% Assistance	Contemporary vegetable nurseries in 4 State Horticulture Farms	100.00
2	Mass production of Bio-control agents in State Horticulture Farms (SHFs)	100.000	Nos	100% Assistance	Mass Production of Reduviid bugs / Mass Production of Entomopathogens (Fungi & Bacteria) in SHFs	100.00
3	Promotion of Organic cultivation in Greens, Tomato, Bendi, Brinjal, Cabbage and Cauliflower	1000.000	Ha/ No/ demo			
a.	Incentives for Organic cultivation			10% Assistance	12846	480.00
b.	Assistance for certification charges			100% Assistance	42000	210.00

VIII. 3 : NADP / RKVY- RAFTAAR - PROJECTS APPROVED FOR 2020-21

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c.	Organic farming demonstration centres			100% Assistance	8	10.00
	Sub-Total					700.00
4	Onion Development Programme - On-ion area expansion	300.000				
a.	Small onion- AEP (Ha)		Ha	40% assistance	1000	200.00
b.	Bellary onion - AEP (Ha)		Ha	40% assistance	500	100.00
	Sub-Total					300.00
5	Assistance for Supporting structures in Horticultural crops	850.000	Ha			
a.	Staking/ propping/trellis			50% assistance	200	50.00
b.	Permanent Pandal system			50% assistance	262	523.62
	Sub-Total					573.62
6	Installation of seed processing machines in State Horticulture Farms	108.800	Nos	100% Assistance	Vegetable seed extraction machines / Solar dryer (1000 sq.ft) / Seed packeting machines (50 Nos)	108.80
	Total	2558.800				1882.42
	Sub-Scheme 2020-21					
1	Cashew Area Expansion Sub Scheme	1020.000	Ha	40% assistance	Area expansion of Cashew – Normal planting Subsidy amount – Rs.12,000/ Ha & High density planting Subsidy amount – Rs.24,000/ Ha (6800 Ha)	1020.00
2	Crop Diversification Sub Scheme	13.330	Ha	40% assistance	Establishment of New vegetable gardens in tobacco fields Subsidy amount – Rs.20,000/ Ha (66.65 Ha)	13.33
	Total	1033.330				2915.75
	Horticulture Total	3592.130				4798.17

VIII. 3 : NADP / RKVY- RAFTAAR - PROJECTS APPROVED FOR 2020-21

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III	Agricultural Engineering					
1	Provision of Green House type Poly Carbonate Sheet covered Solar drying units to Farmers/ Farmers' Groups	200.000	Nos	Rs.3.5 lakh or 60% subsidy for SC/ST, small, marginal and woman farmers per unit, Rs.3.00 lakh or 50% of total cost whichever is less for other beneficiary per unit.	79 Solar Dryers	200.00
2	Provision of Solar Powered Fencing System with subsidy assistance to the farmers	300.000	mts	50% subsidy assistance, maximum of Rs.2.18 lakh / farmer. The assistance shall be restricted for a total length of 1245 m per beneficiary farmer	154 nos	150.00
3	Soil Conservation in the Catchments of River Valley Projects in Tamil Nadu	445.000	Ha/No	100% Assistance	Entry Point Activities / Land Improvement activities : Construction of stone wall bund at Farmers field (50% assistance) / Loose boulders check dam with Gabion / Water Harvesting Structure /Silt Detention Tank / Hydrologic and Sediment Monitoring / Transfer of Technology	368.00
4	Procurement of Tractor operated Sugarcane Detrashing Machine with mini tractor to strengthen the hiring activity of AED	37.500	Nos	100% Government Assistance	Tractor operated Sugarcane Detrashing Machine with Mini Tractor / Mini Tractor suitable for Sugarcane detrashing machine (15 nos)	37.50

VIII. 3 : NADP / RKVY- RAFTAAR - PROJECTS APPROVED FOR 2020-21

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S. No.	Title of the Project	Allocation	Unit	Pattern of Assistance	Physical	Financial
5	Distribution of Post Harvest Technology and Management machinery for all types of Horticulture, Food grain and Oil seed crops	200.000	Nos	Maximum subsidy assistance of 60% of the total cost of the machinery	1. Self propelled / other power driven Horticultural Machinery / 2. Manual Horticultural Equipments / 3. Post Harvest Equipments for food grains, oil seeds and Horticultural Equipments (244 nos)	200.00
	Sub Total	1182.500				955.50
1	Reclamation of Problem Soils (RPS)	1083.33	Ha	overall average unit cost is Rs.59,783/- per Ha, which is within the permissible limit of Rs.60,000 per Ha as per guidelines	Creation of water harvesting structures / Construction of weir to prevent the intrusion of sea water into the fields / Surface drains & Link drains with required structures and Formation of peripheral bund / Ploughing operation and supply of inputs	541.67
	Sub Total	1083.33				541.67
	Agricultural Engineering Total	2265.830				1497.17
IV	Agricultural Marketing					
1	Promotion of Farmer Producer Organizations	2000	Nos	100 % Assistance	Rs.25 lakh / FPO, Target 80 FPOs	1500.00
	Agricultural Marketing Total	2000				1500.00
V	Tamil Nadu Agricultural University					
1	Augmentation of seed replacement rate in pulses and oilseeds through farmers participatory seed production	136.700	Qtls/ Nos.	100 % Assistance		
I.	Recurring					
A	Production Component – Certified seed production: Production subsidy certified seeds of Black gram, Green gram, Red gram, Groundnut, Caster.				Certified seed production in pulses and oilseeds 3000 (qtls)	75.000

VIII. 3 : NADP / RKVY- RAFTAAR - PROJECTS APPROVED FOR 2020-21

Rs. in lakh

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B	Training to the farmers on Quality seed production for one day				Training to the farmers on quality seed production (30 Nos)	5.400
C	Field day : 10 Nos. One per district involving 50 farmers @ Rs. 25,000 / field day				Field day on popularization of seed production techniques 10 Nos	2.500
D	Project monitoring, documentation and reporting (<1%)					1.300
	Total (I)					84.200
II.	Non-Recurring					
	Seed godown with 700 sq. m (@ Rs.52.50 lakh / godown)				Creation of seed storage facility 1 No	52.500
	Sub total (I + II)					136.700
2	Production and supply of quality planting materials of Moringa through vegetative propagation	60.000	Acres / No.	100 % Assistance	Establishment and maintenance of mother block /Elite planting materials production through vegetative means / Strengthening farm facilities/ Imparting training on vegetative propagule production/ Monitoring and documentation expenses.	
a	Establishment and maintenance of mother block in 2 acres				(Land preparation, drip fertigation, chemicals, inputs, barrier for isolation and labour cost) (Rs. 2.5 lakh per 1.0 acre)	5.00
b	Elite planting materials production through vegetative means				<ul style="list-style-type: none"> <li>• Agricultural inputs</li> <li>• Pots / Poly bags, etc</li> <li>• Labour cost and other production expenses</li> </ul>	20.00

VIII. 3 : NADP / RKVY- RAFTAAR - PROJECTS APPROVED FOR 2020-21

Rs. in lakh						
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c	Strengthening farm facilities				<ul style="list-style-type: none"> <li>• Automated Mist chamber: 2 nos (Rs.5.0 lakh for 300 sq.ft area each)</li> <li>• Insect Proof Shade net house (Rs. 10.0 lakh per 1200 sq. m)</li> <li>• Climate Controlled Poly house (Rs.15.0 lakh for 1000 sq. m)</li> </ul>	30.00
d	Training on vegetative propagule production				<ul style="list-style-type: none"> <li>• Training: 5 nos @ 50 farmers per training x Rs. 500/- per farmer per day) – (Rs. 1.25 lakh)</li> <li>• Field day: 1 no (@ 100 farmers x Rs.1.0 lakh per programme)</li> </ul>	2.25
e	Monitoring and documentation expenses					2.75
	Sub Total					60.00
3	Augmenting flower production in Tamil Nadu through Elite seeds / seedlings production and technological interventions	300.000	Nos.	100 % Assistance	Production and distribution of elite seedlings / Strengthening of production, distribution and demonstration units / Popularization of varieties & technologies through trainings, demonstration and mass contact programmes/Kisan mela Trainings: 4 nos, Demonstrations: 6nos Mass contact programme/ Farmers mela: 1 no Research Infrastructure: 13	
I	Production and distribution of elite seedlings					

VIII. 3 : NADP / RKVY- RAFTAAR - PROJECTS APPROVED FOR 2020-21

Rs. in lakh

S. No.	Title of the Project	Allocation	Unit	Pattern of Assistance	Physical	Financial
a	Establishment of clonal block with drip and fertigation facility for flower crops and ornamentals (5.00 acres)			2.50 lakh/ac		12.50
b	Procurement of mother plants and development of stock plant bank in flowers & ornamentals at clonal block			10		10.00
c	Cost of inputs- (Nursery media, poly bags, labels / signage /field boards / QR coding / interactive kiosk, pots, organic inputs, chemicals, fertilizers etc.,)			20		20.00
d	Cost of planting material & cultivation of Orchid and Anthurium under polyhouse/ shade net (500 sq.m)			Rs. 700/sq.m		3.50
e	Seed production of commercial and annual flowers			2		2.00
f	Cost for production of planting materials			4		4.00
	Total (I)					52.00
II	Strengthening of production, distribution and demonstration units					
A.	Strengthening of propagation structures with automation system					27.20
i.	Polyhouse (500 sq.m) – Hi-tech system with advanced lighting technology, data loggers, etc.			Rs.1650/sq.m		8.25
ii.	Shade net (500 sq.m)			Rs.710/sq.m		3.55
iii.	Mist chamber (300 sq.m x 3 units)			Rs.600/sq.m		5.40
iv.	Hardening chamber (500 sq.m)			Rs. 600/sq.m		3.00
v.	Poly tunnel (4 Nos)(6 X 1 X 1.25 m)			Rs.25000/tunnel		1.00
vi.	Vermicompost units/ Organic input production – 2 units (30'x 8' x 2.5')			1.0 lakh/unit		2.00

VIII. 3 : NADP / RKVY- RAFTAAR - PROJECTS APPROVED FOR 2020-21

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S. No.	Title of the Project	Allocation	Unit	Pattern of Assistance	Physical	Financial
vii.	Pack house (9m x 6m`1)			4.00 lakh/unit		4.00
B.	Strengthening of commercial sales nursery outlet for flower crops and ornamentals (1000 Sq.m)			Rs.1000/Sq.m		10.00
C.	Machines and tools for demonstration					10.00
D.	Approach road / Farm road / Solar lighting, chain link fencing for demonstration units					47.40
E.	Quality control / analysis lab			Rs. 50 lakh		50.00
F.	Strengthening of conservatory for RET flowers and ornamental plant species for mass production / waterscaping for demonstration			Rs. 25.00 lakh/ unit		25.00
G.	Strengthening of ornamental arboretum			Rs. 10.00 lakh/ unit		10.00
	Total (II)					179.60
III	Popularization of varieties & technologies through trainings, demonstration and mass contact programmes				Trainings: 4 nos: Demonstrations: 6 nos: Mass contact programme/ Farmers mela: 1 no Research Infrastructure: 13	68.40
	Total (III)					
	Sub total (I + II + III)					300.00
4	Establishment of Centre of Excellence in Groundnut	172.900	Nos.	100 % Assistance	Civil & Capital works - Research Complex / Laboratory Non Recurring Items - Near Infra Red Analyser, Gas chromatography, HPLC, Nuclear Magnetic Resonance, Cold Storage Unit	
I.	Civil & Capital works					
a.	Research Complex - 2500 m					45.00

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b.	Sinking of new bore well with 35HP submersible motor and pump with accessories – 2 Nos.					20.00
	Total (I)					65.00
II.	Laboratory Non Recurring Items					
a.	Near Infra RedAnalyser				1	102.90
b.	Gas chromatography				1	
c.	HPLC				1	
d.	Nuclear Magnetic Resonance				1	
e.	Cold Storage Unit				5	5.00
	Total (II)					107.90
	Sub Total (I + II)					172.90
5	Farmers Participatory Demonstration and seed Production of Seed Propagated aggregatum Onion in Tamil Nadu	35.000	Ha/No	100 % Assistance		
A	Demonstration at two centres in TNAU (2 ha) @Rs.0.34/ ha					0.68
B	Demonstration in onion growing districts			50%- Scheme contribution(Rs.7000/acre) 50%- Farmers contribution	Onion growing districts (Tirupur, Perambalur, Namakkal and Cuddalore ) 24 Nos @ 6 demonstrations/ district and Rs.14,000/ acre * *Cost of Seed/ Kg- Rs.3000/- Fertilizers cost- Rs. 7000/- Plant protection chemicals- Rs. 4000/-	1.68
C	Production of breeder seeds					2.82

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D	Strengthening of seed processing, handling and storage structures and training facilities at two centres				Equipments- Seed drier – 1 No. (Rs.3.50 lakh/ No.) Conventional storage structure- 2 No. (Rs.3.00 lakh.) Solar drier - 1 No. (Rs.6.55 lakh/ No.) @ 13.05 per centre for 2 centres	26.10
E	Capacity building training programmes				Training programmes @ 30 trainees/ programme on Seed production techniques of aegregatum onion(8 Nos) @ Rs.1000/ day/ person	2.40
F	Monitoring and Reporting					1.32
	Sub Total					35.00
	TNAU Total	704.60				704.60
VI	Seed Certification					
1	Strengthening of Building Infrastructure in two Seed Testing Laboratories by undertaking Repairs and Renovation works to sustain quality seed analysis	35.000	Nos	100% Assistance	Renovation of Seed Testing Laboratories: Dharmapuri & Tirunelveli	35.00
	Seed Total	35.000				35.00
VII	Sugar Department					
1	Increasing Production, Productivity, reducing the cost of cultivation of the sugarcane farmers and Increasing Sugar Recovery in Sugarcane	800.000	Ha	50 % Assistance		

VIII. 3 : NADP / RKVY- RAFTAAR - PROJECTS APPROVED FOR 2020-21

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A.	Purchase of Breeder seed of new varieties - Purchase of Breeder seed of new varieties (Co 0212, Co 06030, CoG 6, Co 09004) – Individual sugarcane farmers			(Seed cost Rs.3500 per MT + Harvest and transport charges restricted to Rs.1500 per MT) and Rs.12500/Ha- @ 5MT/Ha (50% subsidy assistance)	50	6.25
B.	Purchase of Breeder seed for Co 11015 variety – Individual sugarcane farmers			(Seed cost Rs.3500 per MT + Harvest and transport charges restricted to Rs.1500 per MT) &Rs.12500/Ha- @ 5MT/Ha (50% subsidy assistance)	100	12.50
C.	Purchase of Breeder seed for varietal rejuvenation of Co 86032 Individual sugarcane farmers			(Seed cost Rs.3500 per MT + Harvest and transport charges restricted to Rs.1500 per &Rs.12500/Ha @ 5MT/Ha (50% subsidy assistance) MT	150	18.75
D.	Purchase of Tissue culture seedlings			Co 11015 &Rs.56,250/ Ha @ 15000 seedlings/Ha (50% subsidy assistance)	10	5.63
E.	Supply of quality Bud chip seedlings			Rs.9,375/Ha @ 12,500 seedlings/Ha	6578	616.69
F.	Trash shredding			Rs.1500/Ha	4986	74.79
G.	Inter Cropping Assistance			(only seed cost) - Rs.400/Ha	2000	8.00

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H.	Bio control measures for Early shoot borers and inter node borers			(15 traps per Ha @ Rs.144 per trap 15x144=2160 including lure - 50% subsidy assistance) & Rs.1080/Ha	3000	32.40
I.	Distribution of manual detaching tool as designed by Tamil Nadu Agricultural University, Coimbatore @ 10 equipments per Ha with a unit cost of Rs.200/tool.			Total cost 10x200=Rs.2000/ Ha 50% subsidy of Rs.1000/Ha &Rs.1000/Ha	2500	25.00
	Sugar Total	800.000			19374	800.00
	Grand Total	20491.86			19374	19954.543