

GUIDELINES FOR IMPLEMENTATION OF DEVELOPMENT OF COCONUT UNDER STATE PLAN-2012-13

The coconut called as "KALPABRUKSHYA" is a versatile and traditional crop closely associated with the socio economic life of a large population in the coastal belts of Odisha. The coastal area is stretched along 480 km in length starting from Balasore in North to Ganjam in South. The plant provides food, ideal drink & shelter to human race. Besides, coconut has got immense industrial value & provides opportunity for employment in industrial sector as well as farm sector.

Odisha stands 5th position in area & 6th in productivity in the country atlas. The cultivation of Coconut in Odisha faced a setback due to the super cyclone in the year 1999 & caused a heavy loss to the crop. Subsequently this loss has been recouped through massive plantation in the farmer's field with the assistance of CDB. Coconut Development Board is implementing various schemes in Odisha state for expansion of Coconut crop. At present the total area under coconut is around 53.09 thousand ha spread over almost all 30 districts of the state.

BUDGETARY PROVISION FOR 2012-13

Viewing the growing demand of coconut products in the state, Government has kept a budgetary provision of Rs.834.98 lakhs during 2012-13 for the development of coconut under state plan.

ASSISTANCE AND TARGETTED AREA

The crop wise targeted area, rate of assistance and break up of funds are as follows:

Name of the scheme	Unit	Target	Rate per ha / unit (Rs.)	Assistance per ha/unit (Rs.)	Total Assistance (Lakh Rs.)
Area Expansion	Ha	2000	48000	24000	480.00
Laying Out Demonstration	Ha	1220	49000	24500	298.90
Organic Manure Unit (15m X 1.5m X 0.70m)	Nos	200	56000	28000	56.00
Miscellaneous					0.08
Total					834.98

AREA OF IMPLEMENTATION

As coconut performs well in the coastal tracts of Odisha, it has been proposed to take up the different coconut schemes along the coastal districts.


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DISTRICT WISE BREAK-UP OF TARGET:-

Name of the district	Area Expansion (ha)	LODP (ha)	Organic Manure Unit (Nos)
Balasore	150	70	15
Bhadrak	100	50	10
Cuttack	250	300	25
Jajpur	100	50	10
Kendrapara	100	75	20
Jagatsinghpur	200	100	20
Puri	500	325	50
Khurda	200	40	15
Nayagarh	100	25	5
Ganjam	300	185	30
Total	2000	1220	200

REQUIREMENT OF QUALITY PLANTING MATERIALS

Crop	Plant population per ha	Name of the QPM	Quantity / ha	Total area (ha)	Total requirement of QPM
Coconut	175	Seedlings	184 nos including mortality	2000	3.68 lakh nos

SOURCING OF QUALITY PLANTING MATERIALS

Success of coconut plantation depends on quality planting materials i.e. coconut seedlings. Seedlings of Tall dwarf and hybrids (T X D and D X T) will be planted. The seedlings will be sourced as per the following programme.

- Availability of coconut seedlings in the state
 - Departmental farms: 1.7 lakhs
 - CDB Nursery at Pitapally: 2.2 lakhs
 - CDB affiliated Private nurseries: 0.5 lakhs
- Coconut seedlings will be procured from the departmental farms and CDB Nursery Pitapalli.
- Further requirements (if any) will be met from private nurseries.


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PROCEDURE:-

- ❖ The farmers having irrigated land should only be selected or with assured irrigation facilities.
- ❖ Due representation of ST / SC / Women farmers should be made during selection.
- ❖ All the farmers have to be entered online.
- ❖ Farmers taking up plantation with minimum 10 palms up to 2 ha are eligible for area expansion and cluster approach for LODP programme & having minimum of 5 coconut plant for organic manure unit.
- ❖ The length of organic manure unit (size: 15m x 1.5m x 0.7m) may be modified (i.e. 10m or 5m) keeping breadth and depth intact. The assistance will be modified proportionate to the pit size.
- ❖ Steps will be taken for growing coconut in clusters & two or more line road side avenue plantation.
- ❖ The farmer has to deposit 50% cost of the planting material well in advance with the concerned Horticulturist / AHO and obtains the Money receipt.
- ❖ Quality planting materials will be supplied by the Horticulturist / AHO.
- ❖ Farmers have to be insisted to take up drip irrigation in the coconut plantations availing subsidy under NMML.
- ❖ Intercropping should be taken up in all the fields assisted under LODP & Area Expansion Programme.

RELEASE OF SUBSIDY

- i) Director of Horticulture shall allocate funds to the Horticulturist / AHO based on budgetary provision.
- ii) The Horticulturist / AHO has to release the subsidy online to the farmer after deducting 50% of the cost of planting material only after completion of plantation and verified by the field staff & self for Area Expansion programme. (cost norm enclosed).
- iii) However for LODP programme subsidy will be released after the farmer has taken up the gap filling, inter cultural operations and intercropping. (cost norm enclosed)
- iv) In case of Organic Manure Unit, subsidy will be released only after getting completion certificate from concerned AAE.

RECORD MAINTAINANCE

- > The Horticulturist / AHO have to maintain the list of beneficiaries with planting materials supplied, subsidy released in both hard and soft form.
- > Photograph of individual field has to be recorded

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BREAK UP OF FUNDS FOR AREA EXPANSION OF COCONUT UNDER STATE PLAN-2012-13

		Area -1ha.		Density-175 plants		Spacing-7.5mx7.5m	
Sl. No	Components of cost	1st year		Farmer's share		SP subsidy	
		Unit / MD	Cost (Rs.)	Unit / MD	Cost (Rs.)	Unit / MD	Cost (Rs.)
A. LABOUR							
1	Tractor ploughing @ Rs.350/ hr.	5 hr	1750		1750		
2	Lay out & demarcation	3	270				
3	Digging of pits (1mx1mx1m)	63	5670				270
4	Filling of pits(carrying compost, mixing with soil & basal dose of fertilizer)	21	1890				5670
5	Planting followed by watering	7	630				1890
6	Irrigation (Need based)	112	10080		5040		630
7	Intercultural operation(hoeing, weeding, application of fertilizer & manure)	14	1260				5040
8	Application of PP chemicals & Hormone	7	630		630		1260
9	Cleaning of crown						
10	Harvesting , Post harvest handling						
	SUB TOTAL - A		22180		7420		14760
B. INPUTS							
		184					
1	Planting materials @ Rs.30 /seedling nos.		5520		2760		2760
2	Cost of manure @ Rs. 560 / MT	8.75 MT	4900		3400		1500
3	Fertilizers						
	N @ Rs.12.50 per Kg.	8.75 Kg.	109				109
	P ₂ O ₅ @Rs.34.00 per Kg	7.0 Kg.	238				238
	K ₂ O @ Rs.20.00 per Kg	23.63Kg	473				473
4	Micronutrients		175				175
5	Cost of PP chemicals		1530				1530
6	Irrigation charges		2500		1500		1000
7	Inter cropping		1000				1000
8	Green fencing with local material		5000		5000		
	SUB TOTAL - B		21445		12660		8785
	Miscellaneous / Contingency @10%		4375		3920		455
	GRAND TOTAL		48000		24000		24000

Subsidy:-50%


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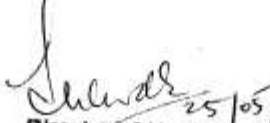
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**BREAK UP OF FUNDS FOR LAYING OUT OF DEMONSTRATION PLOT OF COCONUT
UNDER STATE PLAN:-2012-13**

Area -1ha. Density- 175 plants Spacing- 7.5mx7.5m

Sl No	Components of cost	Maintenance cost /Year		Farmer's share		SP subsidy	
		Unit / MD	Cost (Rs.)	Unit / MD	Cost (Rs.)	Unit / MD	Cost (Rs.)
A. LABOUR							
1	Tractor ploughing @ Rs.400/ hr.	5 hr	2000		2000		
2	Lay out & demarcation						
3	Digging of pits (1mx1mx1m)	4	360		360		
4	Filling of pits(carrying compost, mixing with soil & basal dose of fertilizer)	1	90		90		
5	Planting followed by watering	1	90		90		
6	Irrigation (Need based)	48	4320		4320		
7	Intercultural operation(hoeing, weeding, application of fertilizer & manure)	20	1800		1800		
8	Application of PP chemicals & Hormone	22	1980		1980		
9	Cleaning of crown	20	1800		1800		
10	Harvesting, Post harvest handling	20	1800		1800		
	SUB TOTAL - A		14240		14240		
B. INPUTS							
1	Planting materials @ Rs.40 /seedling	9 nos.	360				360
2	Cost of manure @ Rs. 560 / MT	8.75 MT	4900		4900		
3	Fertilizers						
	N @ Rs.12.50 per Kg.	87.5 Kg.	1094				1094
	P ₂ O ₅ @Rs.34.00 per Kg	56 Kg.	1904				1904
	K ₂ O @ Rs.20.00 per Kg	210 Kg.	4200				4200
4	Micronutrients		2500				2500
5	Cost of PP chemicals		3000				3000
6	Irrigation charges		2000				2000
7	Inter cropping		5500		2000		3500
8	Green fencing with local material		5000		2500		2500
	SUB TOTAL -B		30458		9400		21058
	Miscellaneous including sign board		4302		860		3442
	GRAND TOTAL		49000		24500		24500

Subsidy-50%


 25/05/12
 Director of Horticulture
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