

**“Support to Farmers for Layer Farming (200 Bird Capacity) in
Deep Litter System” in Women SHG Mode**

Under

**State Plan Scheme sanctioned during the year 2018-19 to be
undertaken in**

2020-21

(State Plan : 1012.00 lakh)

**Directorate of Animal Husbandry & Veterinary Services,
Odisha, Cuttack**

Modalities for implementation of the scheme 'Support to Farmers for Layer Farming (200 Bird Capacity) in Deep Litter System' in Women SHG Mode during the year 2018-19 to be undertaken in 2020-21

Background:

Poultry has been the fastest growing sector in providing employment to a significant number of people in the State. Poultry rearing is done for the egg and meat production.

In order to boost poultry production in the state, the State Govt. have accorded Poultry as Agriculture Status. The State is still lagging behind the national average in per capita availability of eggs. Against the National per capita consumption i.e. 69 eggs per Annum, in Odisha, it is only 46 eggs. As per the Odisha Poultry Policy 2015, it is targeted to achieve production of 100 lakhs of eggs per day by 2020.

Odisha with the layer population of 80 lakhs producing 65 lakhs eggs per day. However, to increase the per capita availability of eggs, and to meet the nutritional requirement, the layer poultry farming has to grow substantially. Under this scheme mini layer units with 200 sexed birds will be promoted among the rural women SHGs to enhance the egg production in the State.

The layer farming in deep litter system can help to meet the nutritional requirement of growing rural population of the State. It can also be a source of additional income for small and marginal farmers, particularly the women farmers.

Aim:

This programme aims to support 1002 Women SHGs for income generation and to ensure household food security in rural area during 2020-21.

Objectives:

- To strengthen the local Poultry Production Systems for enhancing livelihoods and also for generation of additional income among the women SHGs through egg production.
- To support the nutritional requirement of the people through consumption of animal protein.
- To build the capacity of the members of the SHGs for undertaking Layer Farming in deep litter system as a profitable mini-enterprise.
- To create employment in rural areas particularly among the women.
- To improve the economic status of rural under privileged.

Target Beneficiaries:

1002 WSHGs will be covered under the scheme with an average of 10 members per SHG.

1. Selection of Women Self Help Groups:

- i. Active Women Self Help Groups which are graded will be selected by Mission Shakti with the help of the field functionaries of the Directorate of AH&VS.
- ii. A Block level committee consisting of BVO, local AVAS, Mission Shakti representative will select the potential WSHGs.
- iii. BVOs and Livestock Inspectors will provide handholding support to SHGs.

Modalities of Implementation:

1. The women SHG will be provided a maximum of 50% subsidy of Rs.1.0 lakh per layer unit.
2. The CDVOs and BVOs should facilitate credit linkage from banks to the WSHG for availing loans to create a layer farm, as per the requirement of the group.
3. CDVOs in consultation with Lead District Manager of the concerned district shall take steps for arranging bank loan for the selected group for successful implementation of the scheme.
4. The subsidy amount shall be released to the Aadhaar linked bank account of the WSHG through DBT mode in two phases i.e. 40% of the subsidy shall be released after construction of poultry shed and 60% of the subsidy shall be released after establishment of the unit,
5. All projects shall be Geo tagged with photographs and release of subsidy shall be made only after joint verification of the project by concerned BVO, Livestock Inspector and field functionary of Mission Shakti at block level.
6. No additional manpower or Consultants shall be engaged for implementation of the scheme. This scheme shall be implemented with existing field staff.
7. Those groups that have availed subsidies in similar types of schemes of Govt. of India or State Government previously shall not be included under this scheme.
8. Quality checking of chicks procured by the WSHG shall be ensured by concerned BVOs.

9. Due to outbreak of COVID-19, officials to take measures like use of sanitizer and masks with maintaining social distance for providing training to WSHG members in small group of 20 persons.
10. The layout and designs for the poultry shed with specifications shall be communicated in the guidelines of the scheme by the Director of Animal Husbandry and Veterinary Services.

Training of the WSHG Members:

- i. Training will be organized at Block Head Quarter level or any other convenient place after final approval of the list of SHGs and funds will be borne by State Mission Shakti.
- ii. Each SHG will be trained on recommended management practices on feeding and watering, brooding and rearing young chicks, record keeping, etc.
- iii. The concerned BVOs and Livestock Inspectors shall guide the SGHs for managing the layer units.
- iv. The capacity building of LIs, Gomitras, Prani Mitras will be taken up by the Directorate of AH&VS in convergence with State Mission Shakti.

Procurement of Layer Chicks:

Kalinga Brown/ RIR/ Gramapriya/ Pallishree/ CARI Sonali/ CARI Priya of Four weeks old sexed chicks will be procured directly by the SHGs from reputed sources. The BVOs and Livestock Inspectors should ensure that quality chicks are procured by the SHGs.

Health Care Measures:

The BVO will provide all technical guidance to the beneficiaries for maintaining proper veterinary health care and immunization of the poultry birds.

Management:

The project will be implemented by Directorate of AH&VS. District wise targets will be fixed by the Directorate of AH & VS in consultation with CDVOs. Proper documentation will be done by taking Geo tagged photographs of the unit along with the Members of the SHGs.

Monitoring and Supervision:

Regular monitoring will be done by the Directorate of AH&VS and will review the progress every fortnight. The CDVO of the district will supervise and monitor the implementation of the scheme with the field functionaries as well as co-ordination with district administration.

Scheme Outlay:

The unit cost of 200 birds layer unit is Rs.2.00 lakh. Total expenditure under State Plan for establishing 1002 Mini layer units during the year 2020-21 is Rs.1002.00 lakh. Besides the administrative cost of Rs. 10.00 lakh will be funded under State Plan for the year 2020-21. So, the total Project Cost for the year 2020-21 under State plan is Rs.1012.00 lakhs.

Year	Unit Cost Rs. in lakh	No. of Unit	Cost towards establishment of mini layer farms Rs. in lakh	Administrative Cost Rs. in lakh (from State Plan)	Total Project Cost Rs. in lakh
			State Plan 50%		
2020-21	2.00	1002	1002.00	10.00	1012.00

Time Frame:

The project will be implemented during the year 2020-21.

Cost for one poultry layer unit under the scheme:

Sl.No.	Items of Investment	Unit Cost	Units/Kg	Cost in Rs.
1	Cost of 28 day Old sexed Chicks (Layer) @ Rs.74/- each for 200 birds	74	200	14,800
2	Cost of poultry Shed 400 Sq. Ft @ Rs.250/- per Sq. ft.			1,00,000
3	Cost of Feeding			
a)	Grower mash @ 7 Kg/ bird for 200 birds (Cost of feed Rs.30/- kg) - 80 gm/bird for 84 days (5 to 16 weeks)	30	1400	42,000
b)	Layer mash @ 6 kg/ bird for 180 birds (Cost of feed Rs.30/- kg) from 17 to 24 weeks (120 gm/bird for 7 weeks)	30	1080	32,400
c)	Rest requirement of feeds up to 72 weeks will be borne by the SHG from sell proceed of eggs			
4	Cost of Equipment @ Rs.20/- per bird	20	200	4,000
5	Cost of Medication, Vaccine, Electricity charges @ Rs.24/- bird	24	200	4,800
6	Cost of litter materials (LS)			2,000
	Total Cost			2,00,000

Income		
1	By sale of eggs @ 250 egg/ bird with 10% mortality (Cost of egg Rs.5.00/egg)	2,25,000/-
2	By sale of spent hens 180 hens after 72 weeks (Cost of sale of bird Rs.200/- bird)	36,000/-
3	Manure	800/-
4	Total Income	2,61,800/-
5	Total Gross Income (18 Month)	2,61,800/-
6	Gross Income Per Month	14,544/-
	Annual Income	1,74,533/-

Outlay of the Project for one year:

Sl. No.	Particulars	Subsidy Amount in Rs. per Farmer	Units	Amount (Rs. in lakh)
1	Financial Outlay (@ Rs.1,00,000/- as back ended subsidy per SHG (50% subsidy on Project cost of Rs.2.00 lakhs for 200 layer birds i.e. Kalinga brown/ RIR/ Grama Priya/ Pallishree/ CARI Sonali/ CARI Priya/ Brown layer/ Keystone Golden breed	1.00 lakh	1002	1002
2	Administrative cost including documentation and monitoring.			10.00
	Total :			1012.00

Target for the District:

Sl.No.	Name of the District	No. of Blocks per District	WSHG
01	Angul	8	25
02	Bargarh	12	33
03	Bhadrak	7	25
04	Balasore	12	34
05	Bolangir	14	44
06	Boudh	3	9
07	Cuttack	14	44
08	Deogarh	3	9
09	Dhenkanal	8	25
10	Gajapati	7	22
11	Ganjam	22	69
12	Jagatsinghpur	8	30
13	Jajpur	10	32
14	Jharsuguda	5	16
15	Kalahandi	13	41
16	Kandhamal	12	41
17	Keonjhar	13	41
18	Kendrapada	9	33
19	Khordha	10	32
20	Koraput	14	44
21	Malkangiri	7	22
22	Mayurbhanj	26	82
23	Nawarangpur	10	32
24	Nayagarh	8	30
25	Nuapada	5	16
26	Puri	11	35
27	Rayagada	11	35
28	Sambalpur	9	28
29	Subarnapur	6	19
30	Sundergarh	17	54
	Total	314	1002