

# ANIMAL HUSBANDRY

Annual Plan Roll out Workshop  
2018-19

17/4/18

Venue : GIFT

# Outline

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# **KERALA CHICKEN PROJECT**

# Breeder Unit

- Broiler breeder farms raise parent birds, both male and female which produce fertilized eggs.
- Three Parent stock Farms, each having 14000 birds will be established in preferably northern, middle and southern regions of Kerala.

## **Aim**

- Production of hatching eggs at very low price (cost of Production of each egg= Rs12)
- Can reduce the cost of day old broiler chicks to around Rs.20
- Ensures sustainable supply of chicks to kerala Chicken Farms

# Breeder Unit (cont...)

## **Time Line**

- April 2018 (data Collection) -December 2018 (Supply of Hatching eggs)

## **Funding Strategy**

CFC investment of 350 lakhs per each farm

# Hatchery

- A hatchery is a facility where eggs are hatched under artificial conditions
- 7 Hatcheries each with 45000 eggs/21 D capacity.

## **Aim**

- Can provide chicks at reasonable rate to farms (@ Rs22)
- Can ensure healthy and quality chick supply

## **Time Line**

- April 2018- January 2019 (commencing supply of chicks)

**Funding Strategy** : Innovation fund of 2 lakhs each

# Broiler Farms

- 500 broiler farms each with 1000 birds capacity

## **Aim**

- Ensure good quality chicken
- Good income for broiler rearing kudumbashree members

## **Time Line**

- April 2018- February 2019 (Starting lifting of broiler)

## **Funding Strategy**

- subsidy of 0.5 lakhs each

# Abattoir

- Facility where animals are slaughtered for consumption as food
- Three Abattoirs each with 4000 birds/day capacity (500 birds per hour)

## **Aim**

- To ensure scientific and hygienic processing of chicken
- Essential to meet the processing of 12000 birds/day

## **Timeline**

- April 2018- February 2019 (commencing slaughter)

## **Funding Strategy**

- CFC investment of 100 lakhs each



# Blast Freezer

- Specialized category of freezer used to preserve food at a very low temperature to prevent the growth of microorganisms.
- Reduce temperature of a food from 65 to -40 degree Celcius in less than 4 hours
- 3 blast freezer units each with 4 MT/day capacity

## **Aim**

- For safe and hygienic storage of processed chicken (Processed 12000 birds may not be sold in a single day)
- Inhibits microbe growth and ensures 100% food safety

# Blast Freezer (contd...)

## **Timeline**

- April 2018- February 2019 (commencing freezing)

## **Funding Strategy**

- Innovation fund of 10 lakhs each

# Cold Store

- Artificially cooled building or room where food can be preserved at -18 degree celcius
- 14 cold stores each with 100 MT capacity

## **Aim**

- To market chicken in more acceptable form to public- less demand for frozen chicken
- To ensure meat hygiene and quality

## **Timeline**

- April 2018- February 2019 (commercial storage)

## **Funding Strategy**

- Innovation fund of 3.5 lakhs each

# Sales unit

- Markets-well packed branded kerala chicken
- Establish 28 new sales outlets each with 1.5MT capacity at CDS level

## **Aim**

- Kerala chicken outlet for selling branded chicken
- Ensure continuous market for farms

## **Timeline**

- April 2018- February 2019 (commercial sales)

## **Funding Strategy**

- Innovation fund of 3.5 lakhs each

# Rendering Plant

- Rendering- process that converts waste animal tissue into useful materials like tallow, grease and high-protein meat and bone meal.
- 3 dry rendering plants (each-4 MT/day capacity)

## **Aim**

- Efficient and scientific way of waste management
- Solution to social issue aswellas good income generation

# Rendering Plant (contd...)

## **Timeline**

- April 2018- February 2019 (commencing Rendering)

## **Funding Strategy**

- CFC investment of 50 lakhs each

# Feed supplier Unit

- Large quantity of feed procured at a common warehouse and distributed to kerala chicken farm units
- Implementation through ME Units

## **Aim**

- Feed availability at subsidised rate to farms
- Ensure good quality feed
- Reduced cost of production

# Beneficiaries

Sl No	Unit	Selection Criteria
1	Breeder Unit	Beneficiaries having the potential to maintain the farm. DMT will select the team as per the guidelines of state Mission
2	Hatchery	ME units selected by the District Mission
3	Broiler Farm	Farmers having the capacity to run farms
4	Abattoir	Beneficiaries having the potential to maintain the Abattoir. DMT will select the team as per the guidelines of state Mission
5	Blast Freezer	ME Units
6	Cold Store	ME Unit
7	Sales Unit	ME Unit formed by the CDS
8	Rendering Plant	Beneficiaries having the potential to maintain the plant. DMT will select the team as per the guidelines of state Mission.
9	Feed Supplier	ME units



# Implementing Strategy

Sl No		
1	Breeder Unit	Breeder farms will be established in three districts
2	Hatchery	Use the existing spaces. Implement through ME Units
3	Broiler Farm	Forming at grassroots. 1000 Chicks / Unit
4	Abattoir	Three Abattoirs each with 4000 birds/day capacity will be established
5	Blast Freezer	3 blast freezer units each with 6 MT/day capacity will be established
6	Cold Store	14 cold stores each with 100 MT capacity will be established
7	Sales Unit	Establish new outlets at CDS level. Fund will give to CDS and CDS can rent out the same to a ME unit.
8	Rendering Plant	Use the fallow land available in government farms
9	Feed Supplier	Implement through ME Units

# Fund Needed

SI No	Particulars	Amount/unit (Amt inLakhs)	Total Amount
1	Breeder Unit	350	1050
2	Hatchery	2	14
3	Broiler Farm	0.5	250
4	Abattoir	100	300
5	Blast Freezer	10	30
6	Cold Store	3.5	49
7	Sales Unit	3.5	70
8	Rendering Plant	50	150
9	Producer company	7	7

# Monthly Profit per unit

Sl No		Amount in Lakhs
1	Breeder Unit	4.83
2	Hatchery	3.52
3	Broiler Farm	0.25
4	Abattoir	4.68
5	Blast Freezer	1.56
6	Cold Store	3.90
7	Sales Unit	6.24
8	Rendering Plant	6.69
9	Feed Supplier	3.68

# Fund Allocation

Sl No		Source of fund
1	Breeder Unit	MKSP Fund
2	Hatchery	ME Innovation Fund
3	Broiler Farm	Subsidy from Mission – Plan Fund
4	Abattoir	MKSP- CFC fund to CDS
5	Blast Freezer	MKSP- CFC fund to CDS
6	Cold Store	ME Innovation Fund + Beneficiary Contribution
7	Sales Unit	ME Innovation Fund + Beneficiary Contribution
8	Rendering Plant	MKSP Value Chain- CFC to CDS
9	Feed Supplier	Innovation fund

# Ksheera Sagaram

## **Aim**

- Ensure good income to 1000 households (200 groups) through cow rearing

## **Timeline**

- April 2018-February 2019

## **Budget**

- Training cost @ Rs. 1000/ person for 1000 nos
- Subsidy to 200 Groups @ Rs. 2,18,750/group

**Total : 4.475 Crores**

# Aadugramam

## **Aim**

- Ensure good income to 1000 households through Goat

## **Budget**

- Subsidy to 200 Groups @ Rs. 50000/ group
- Training cost @ Rs. 1000/ person for 1000 nos

**Total : 1.1 crores**

# Fodder cultivation Pilot Project

## **Aim**

- Establish 100 groups for fodder cultivation units in 100 Ar. of land in two districts (50 ar/ district)

## **Budget**

- Training cost @ the rate of Rs. 150/ Beneficiary to 200 nos

Total : 0.003 Crores

# ABC

## **Aim**

- To solve a major social issue
- Source of income to Kudumbashree members

## **Budget**

- Start up fund to ME units: Rs. 50,000 each
- Training to 150 groups



# Pet Care Shop

- Pet shop cum pet hostel at 6 corporations in kerala
- Also provide facilities for breeding of pets

## **Aim**

- Ensure monthly income to 6 NHG members

## **Budget**

- Training cost @ Rs. 2500/person to 6 Nos.: 15000
- Start up fund @ Rs. 50000/group to 6 Groups : 3,00,000

Total: 0.03 Crores

# Fund Sources

Source	Amount (in crores)
State Plan Fund	5.0
MKSP	8.7
NRLM	5.5

**Thank You**