



SESSION 13
COVID 19- PREVENTIVE MEASURES
GUIDE FOR LOCAL SELF GOVERNMENTS



Subhiksha Kerala-
Action Plan

LOCAL SELF GOVERNMENT DEPARTMENT, GOVERNMENT OF KERALA

KERALA INSTITUTE OF LOCAL ADMINISTRATION

26/05/2020

Subhiksha Kerala- Project planning

- Subhiksha Kerala project Preparation - Grama Panchayat / Municipality
- There is only one plan for Grama Panchayats / Municipalities and Departments
- Finding available lands
 - ❖ Fallow land/ Homestead Farming/ Intercropping Cultivable land/ Terrace.
 - ❖ Ensuring security of ownership rights to the landlord under the leadership of the local body.
- The activities required and crops to be acquired in each land area
- Animal husbandry activities that can be undertaken.
- Inland fishing activities that can be undertaken.
- Details of those undertaking such agricultural and animal husbandry activities

Subhiksha Kerala- Project planning

- Collecting information on farms and farmers / groups headed by ward level committee
- Detailed information on related support systems
 - Technical support
 - Irrigation facilities
 - Training
 - Market facilities
 - Monitoring
- Detailed Agricultural Plan
 - Agriculture Working Group for Local Self Government
 - Block - District Panchayats should inform the Gram Panchayats regarding the project specifications they plan to implement.
 - The project specifications to be implemented by Agriculture, Animal Husbandry, Fisheries and other government agencies and missions should be communicated to the respective Gram Panchayat / Municipality

Subhiksha Kerala- Project planning

- Preparation of agricultural calendar –
 - Responsibility: Department of Agriculture
 - Scientific production of each crop - depending on the time of harvest,
 - Should be made available to the public,

Subhiksha Kerala- Project activities

- Convert Fallow lands to cultivable land
 1. Finding of cultivable fallow lands
 - ❑ Public Ownership: - Owned by Government and PSUs
 - ❑ Privately owned
 2. Finding Farmers and Agricultural Groups Interested in Fallow lands : - (Responsibility: Local Self Government Institutions, Agriculture Officer, Kudumbasree CDS
 - Publicly owned: - JLGs
 - Privately owned: - Landlord / farmer / existing or new JLGs
 - Priority for young people and migrants who have lost their jobs

Convert Fallow lands to cultivable land- Continued

3. Increase of production in the present agricultural land: (Responsible: Agriculture Officer)

- Soil Testing.
- Seeds with high fertility.
- Research activities

4. Support for agricultural activities:

- Capacity Building for Farmers and Farmers Groups (Responsible: Agriculture Officer, Kudumbasree)

- Providing knowledge on scientifically cultivable crops
- Training and technical support

*Agriculture Officer *Agriculture Information Center *Agro Service Centers *Master Farmer *Farmer Facilitation Center
*Agricultural University

Convert Fallow lands to cultivable land- Continued

4. Support for agricultural activities: (Continued)

□ Provision of credit facilities for agricultural activities

(Responsible: Co-operatives, societies Kudumbasree, Banks)

- Credit Assistance from Primary Co-operatives and Banks (Kerala Bank, Kerala Grameen Bank and Commercial Banks)
- Expansion of Kisan Credit Card Services

□ Land Development Activities (Responsibility: Local Self Government)

- Mahatma Gandhi National Rural Employment Guarantee Scheme (Convert fallow lands to one time cultivable.)
- Technical Assistance (Responsibility: Local Self Government Department, Agriculture Department)
 - Soil testing and availability of essential items.
 - Seeds, fertilizers and pesticides

Promotion of Homestead Farming and Intercropping (Responsibility: Local Self Government)

- ❖ Find homesteads suitable for cultivation
 - Vacant spaces in Homestead.
 - Suitable area for Intercropping including coconut grove.
 - vacant terrace Ideal for farming (terrace farming)

- ❖ Encouraging modern farming practices in places which have limited space
 - Vertical farming
 - Aquaponics / Hydroponics

- ❖ Talk to the land owner and encourage them to take up farming
 - Those who prepare themselves for agricultural work
 - People who need help for agricultural activities
 - Those who are willing to give the land for cultivation

Promotion of Homestead Farming and Intercropping - Continued

- ❖ Formation of auxiliary group for homestead cultivation / intercrops
 - Expert Farmers and Farmer Facilitation Center
 - Agricultural Karma Sena
 - Resource Person

- ❖ Local Self Government Institution level Helpline
 - Web based / App based
 - Q R Code, phone in, text message or email response.

Promotion of Homestead Farming and Intercropping - Continued

❖ Vegetable farming in the household.

- 1500 Grow bag unit in each panchayat.
- 500 Grow bag unit in municipalities.
- 5000 Grow bag Unit in Corporations.
- 2 lakh vegetable seed packets in each district.

❖ Tuber crops farming in the household.

- 1500 Kits of planting material on Krishi Bhawan basis: Rs 200 kit containing tapioca mulch and sweet potato vines

❖ Integrated Farming Method Project

- Re-Build Kerala Initiative, Jaiva Gruham Integrated Farming Method Project can be implemented as per (TV (3) 5208/2020 / Circular dated 17/03/2020)
- Loans included in NABARD's Special Package to be implemented through Co-operative Institutions

Planting one crore fruit trees.

(Responsible: Local Self Government Department, Agriculture Department, Social Forestry, Haritha Kerala Mission, Mahatma Gandhi NREGS Mission)

- ❖ The main plan of the Local Self Government Institution's 12-item program.
- ❖ Growing one crore fruit tree saplings per year by identifying public and private lands
- ❖ Tree protection is important - up to three years of maintenance
- ❖ Following the model of the project 'Pachathuruth'
- ❖ Popular activities of collecting seedlings locally by the students, youth organizations and Kudumbasree

Planting one crore fruit trees.-Continued

- ❖ Start nurseries: The project can also be prepared as a Venture
- ❖ Seedlings produced by farms, Agricultural University, VFPEK, Agro Service Center and Agricultural Karma Sena can be used
- ❖ A list containing details such as tree type, planting area, location, owner's name and maintenance responsibility should be prepared as part of the implementation.
- ❖ These areas should be geotagged using the Haritha Drushti Mobile App, developed by the Green Keralam Mission.

Promote animal husbandry activities with emphasis on egg, milk and meat production

- Farming activities related to poultry, ducks and quails
- “Kerala chicken” Branded meat poultry production
- Farming activities related to cows, goats, buffaloes and pigs
- Project to establish cross breed cow units
- Assistance for establishing a clean livestock shed: a platform, drinking water facility, urine collecting pit, dung disposal facility
 - ❖ The employment guarantee scheme can be utilized
- Promotion of Azolla and Fodder grass farming.
- Mechanical Support for Commercial Dairy Farmers

v. Promotion of inland fishing

1. 25000 Homestead Bio Flock Farming

- ❖ Job opportunities for 25000 fishermen

2. Pearl Spot Farming Units

- ❖ Unit Cost: - Rs 8.5 lakh
- ❖ 3000 hectares of Useless saltwater ponds
- ❖ Job opportunities for 6000 fishermen

3. Cage cultivation in salt water

- ❖ Unit Cost: - Rs 3.5 lakh
- ❖ 5000 Unit
- ❖ Job opportunities for 12000 fishermen

4. A fish a paddy project

- ❖ Integrated farming in 13,000 hectares of waste land
- ❖ 20000/- per hectare
- ❖ Job opportunities for 13000 fishermen

5. Fish farming in pond

- ❖ Unit Cost: - Rs1 lakh
- ❖ 5000 Unit
- ❖ Job opportunities for 5000 fishermen

6. Mobile Aqua Labs

- ❖ District level system for disease monitoring for fish farming initiatives
- ❖ Unit Cost: Rs 25 lakhs

VI. Preparation of local market facilities

- ❖ Existing systems should be utilized to the maximum
 - HortiCorp.
 - VFPCCK
 - Farmer Producers Organization (FPOs)
 - Eco Shop
 - Farmer Retail Outlet (FROs)
 - Agricultural Co-operative Stores
 - Kudumbasree marketing units
- ❖ Rural Week Markets - Under the Employment Guarantee Scheme.
- ❖ Online marketing possibilities
- ❖ Apex body of various markets
- ❖ Funds Receipt system to the farmer's account after the sale

VII. Encouraging Food Processing - value added activities

❖ Value added product units

- Enabling existing ventures
- Establishment of new production units
- Job Opportunities for Youth and expatriates

❖ Food Processing Industry Units

- Value added initiatives based on local agricultural products
- Ensuring service and co-ordination of Industries Department, Agriculture Department and Co-operative Institutions

VII. Encouraging Food Processing - value added activities-Continued

- ❖ Financial support to entrepreneurs using the Viability Gap Fund in conjunction with existing projects, Local Self Government and other related departments
- ❖ It can be included in the Local Employment Assurance program of the 12-item plan. (G0(MS) No. 45/2020 LSGD(DA) dated 06/03/2020.)
- ❖ Activities can be planned at the level of Block - District Panchayats / Urban Councils.
- ❖ Technical support from industry department

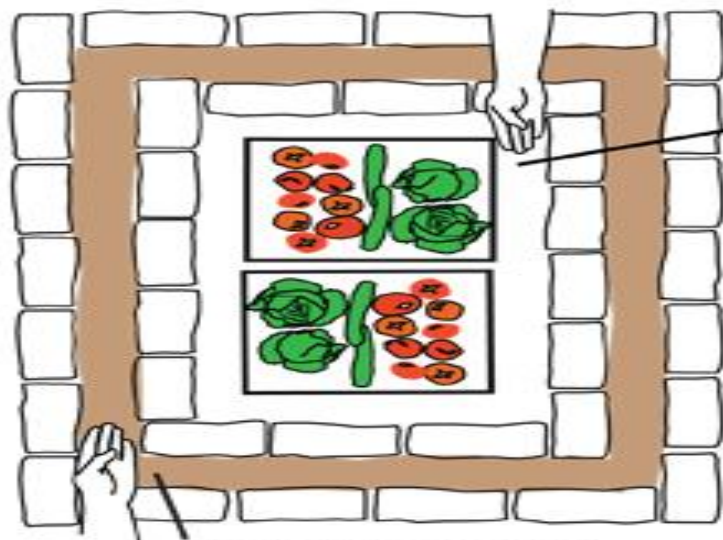
VIII. Product Storage

- Storage facilities must be accompanied by food production
 - ❖ Cold storage
 - ❖ Stores
 - ❖ Zero Energy Cool Chamber

Zero Energy Cooling Chambers (ZECC)

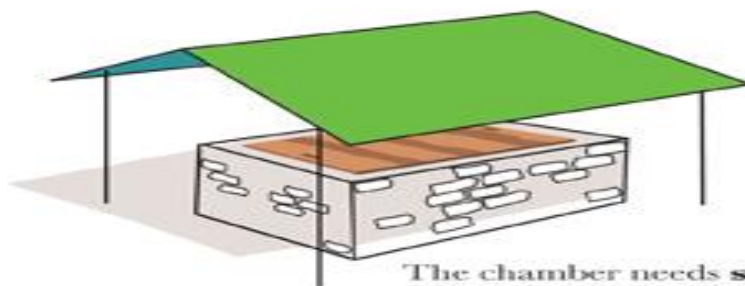


Zero-Energy Cooling Chamber

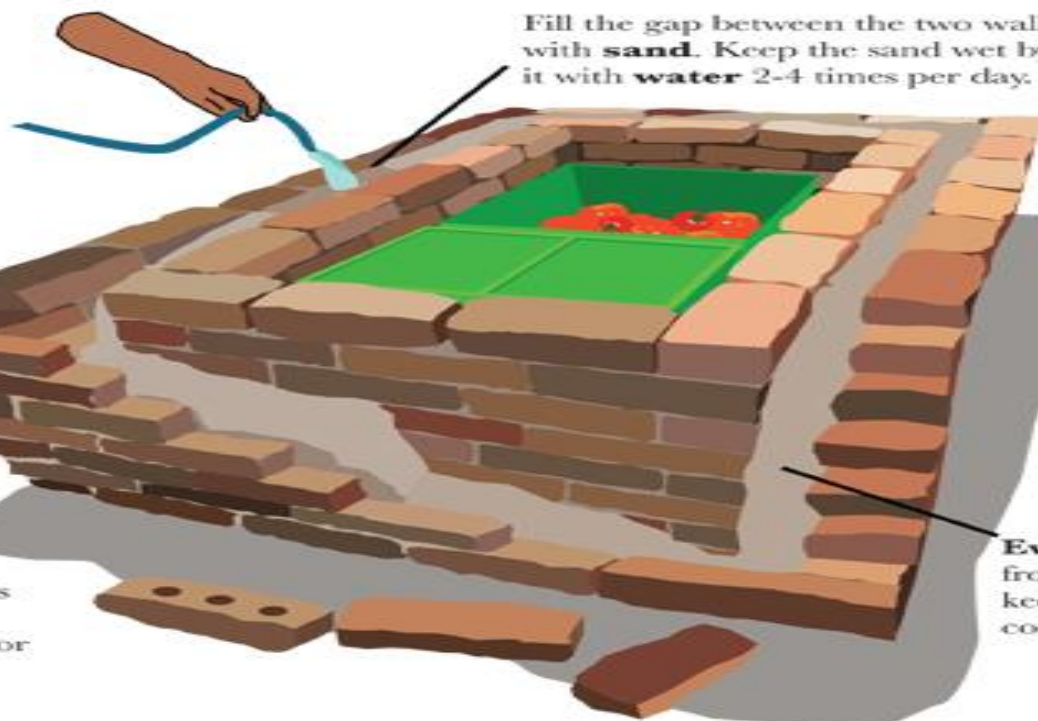


Build the second wall four fingers away from the first wall.

Measure **four fingers** of space (7-8cm) around your storage containers to get the size for the chamber.



The chamber needs **shade** and a good **lid** to keep the cool air in and animals out.



Fill the gap between the two walls with **sand**. Keep the sand wet by soaking it with **water** 2-4 times per day.

Stack the bricks so the walls are taller than your storage containers. You do **not** need to use mortar.

Use **any** kind of bricks that you have in your community: kiln fired or sun baked mud.

Evaporating water from the wet sand keeps the vegetables cool.



KILA
Help Desk

0487-2455000
0487-2204097

helpdesk@kila.ac.in



KILA
DIGITAL
REPOSITORY
www.dspace.kila.ac.in

KERALA INSTITUTE OF LOCAL ADMINISTRATION
Website : www.kila.ac.in, Email : info@kila.ac.in