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
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
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.
  - VFPCK
  - 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

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.

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

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.