

Course Code: ECON (H)221

Lecture 26 National Food Security Mission



Rashtriya Krishi Vikas Yojana (RKVY)

The RKVY is a Flagship Scheme of the Department of Agriculture and Cooperation, Ministry of Agriculture, Government of India.

- It was launched in 2007-08
- From 2014-15 it is being implemented as Central Assistance to States Scheme.
- From 2015-16 the share of the states has been made mandatory

RKVY - Objectives

- To encourage states to promote public investment in agriculture.
- To provide flexibility and autonomy to States in the process of planning and executing Agriculture and Allied Sector schemes.
- To promote agro-climatic based planning of agriculture at district and state levels considering also the availability of technology and natural resources.
- To reduce the yield gaps in important crops through focused interventions.
- To maximize returns to the farmers in Agriculture and Allied Sectors.

RKVY - Major Sub-schemes of National Importance

- Vegetable initiative for urban cluster
- National mission for protein supplements
- Saffron mission
- Nutri-cereals
- Fodder development programme
- Rain-fed Area Development Programme
- Crop diversification programme in original green revolution states

Some Flagship Schemes - indicative

Maharashtra	Construction of farm ponds, Creation of low cost onion storage structures, Surveillance and Monitoring of Pest and Disease on soybean and cotton
Tamil Nadu	Precision Farming sugarcane, banana, Automated weather stations in 224 Blocks , Promoting SRI through conduct of demonstrations in 40,000 ha
Karnataka	Karnataka Seed Mission project, Automated weather monitoring system, Rainfed agriculture – Bhoo-chetana, E-tendering project
Haryana	Providing assistance on laying underground pipeline system for water conveyance to reduce water losses 100% treatment of certified wheat seed, Cattle health management to optimise fertility
Himachal Pradesh	Construction of low cost green houses/ poly houses, Organic cultivation, Micro/minor irrigation and water harvesting (OFWM)
Meghalaya	Water conservation structures mini irrigation check dams, Horticulture hubs, Fisheries

Success Stories- West Bengal

Construction of water harvesting tanks (WHT)



Establishment of bio-control laboratory for mass production of bio-agents



National Horticulture Mission (NHM)

- Launched in 2005-06 as a Centrally Sponsored Scheme
- Being implemented in 18 States & 3 Union Territories
- 85:15 Ratio (Centre and State Governments) from 2007-08
- 13 National Level Agencies are partners in the Mission
- End-to-end, holistic approach : production, post-harvest management, primary processing and marketing

Some NHM Partners: National Level Organizations

- National Horticulture Board
- Directorate of Cashew & Cocoa Development
- Directorate of Arecanut & Spices Development
- IFFCO Foundation
- National Bee Board
- National Research Centre for Citrus, Nagpur
- National Seeds Corporation
- Spices Board
- NAFED
- MANAGE, Hyderabad

NHM – Key Elements

Key elements:

- Capacity-building and HRD for decentralized
 - planning and implementation
 - Area-based Plans
- Providing Quality planting material
- Demand driven production, based on cluster approach for crops having comparative advantage

Key elements ... contd.

- Technology driven programmes to improve productivity and quality by:
 - Introduction of improved varieties
 - Use of Polyhouse, shade net, mulching
 - High Density Planting
 - Capacity building of farmers & extension personnel

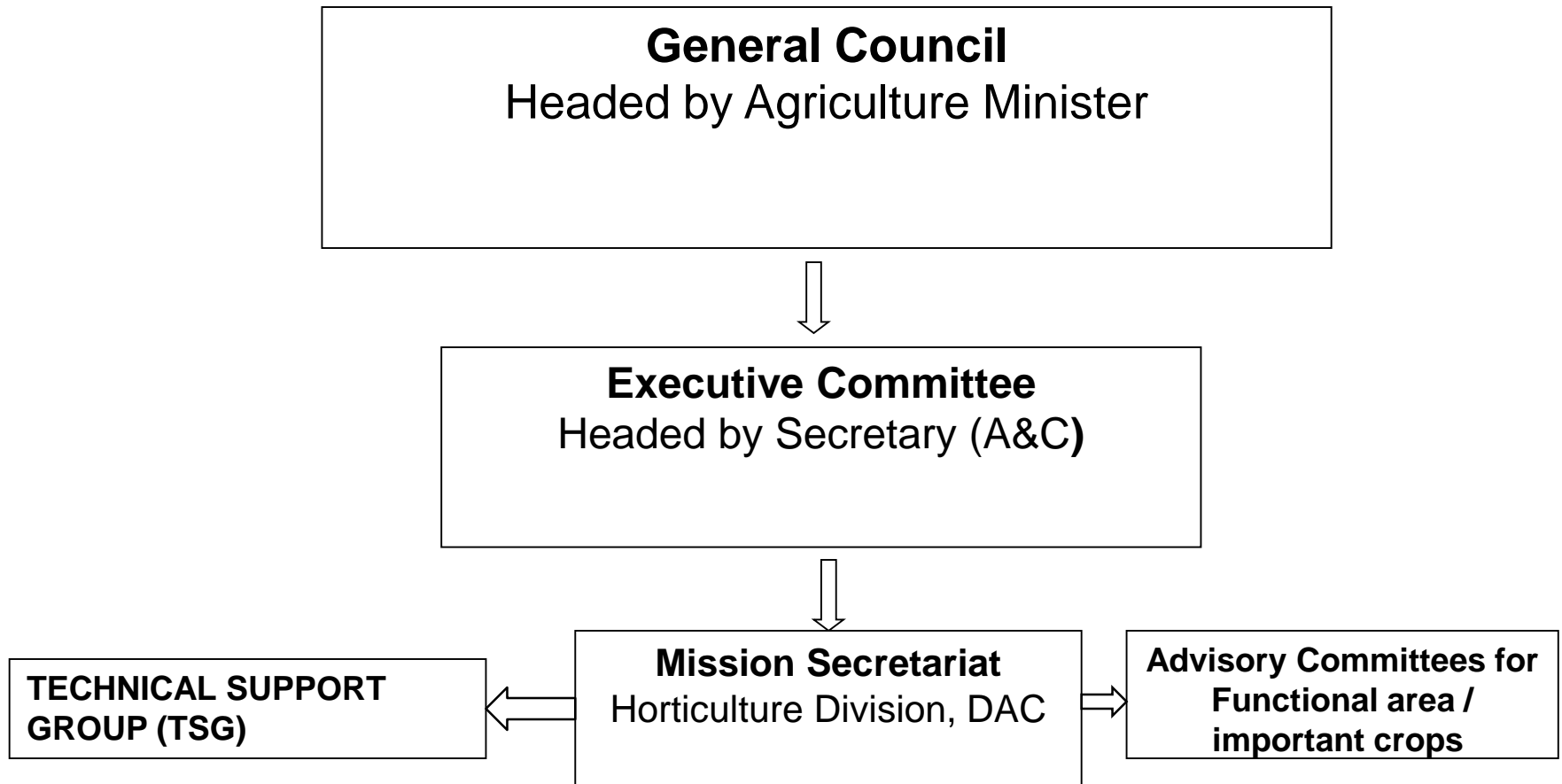
- Marketing infrastructure

- Policy Reforms

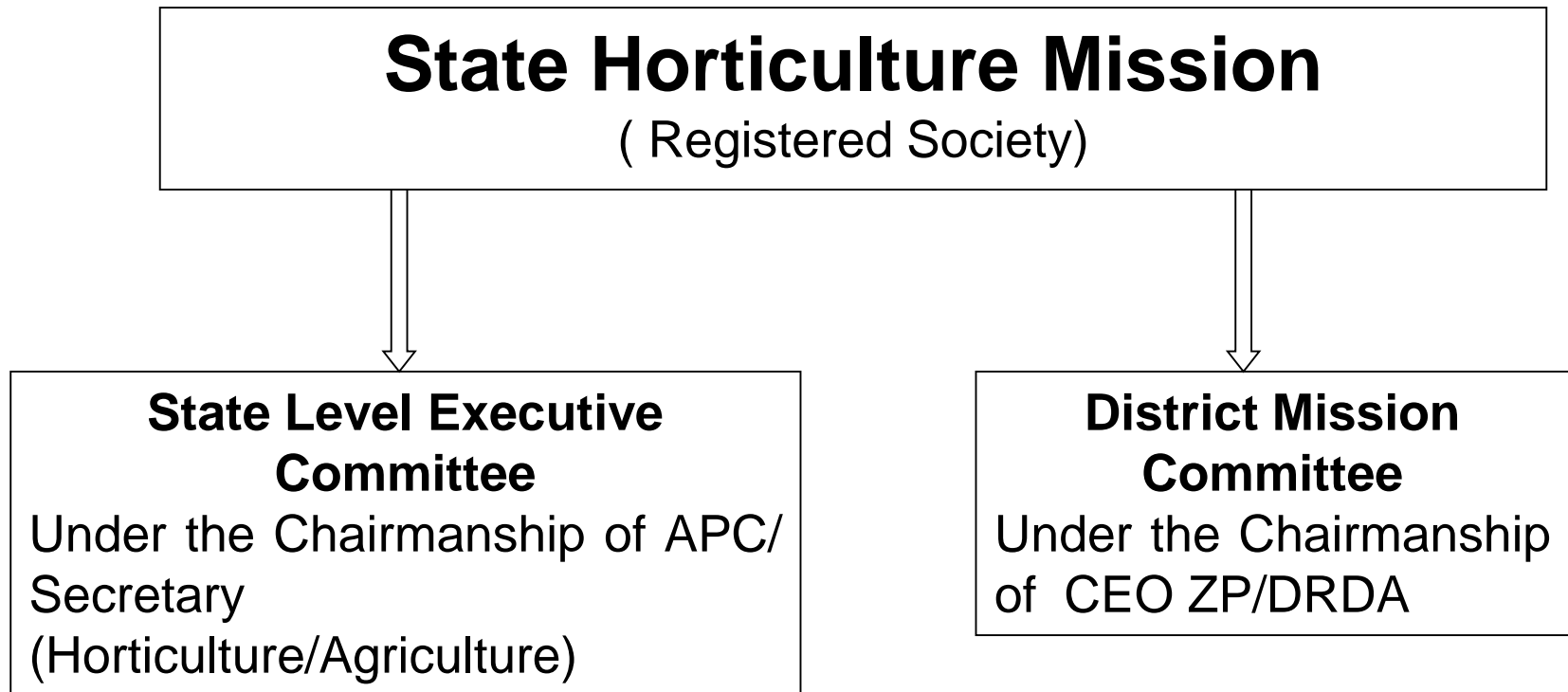
- Web based reporting and monitoring

NHM : Structure

National Level



NHM : State Level



NHM : Components

- Plantation Infrastructure and Development (Nurseries, Tissue Culture labs)
- Rejuvenation of Old and senile Orchards
- Integrated Pest Management/Integrated Nutrient Management
- Protected Cultivation; Organic Farming;
- Pollination Support through Bee keeping
- Creation of Water Sources
- Mechanization
- Human Resource Development (HRD)
- Post Harvest Management
- Primary Processing
- Marketing

Areas of Concerns

- Low Productivity
- Slow pace of rejuvenation
- Market infrastructure and reforms
- Weak Market Information system
- Post Harvest losses and infrastructure
- Credit facility

Area of Concern : Productivity

Fruits

Productivity in MT/ha

Commodity	India			World	
	Average	Best	State	Best	Country
Apple	7.6	10.0	J&K	39.0	France
Banana	35.9	62.0	Maharashtra	52.0	Costa Rica
Grape	26.0	33.4	Haryana	26.0	India
Mango	6.3	12.2	U.P.	17.0	Brazil
Papaya	33.4	158	T.N.	81.0	Indonesia

Future - quality produce is the key



Apple & Pear



Peaches and Protected cultivation of capsicum

