

LES ASSISES DE L'AGRICULTURE 2026:

SMART AGRICULTURE FOR A RESILIENT MAURITIUS



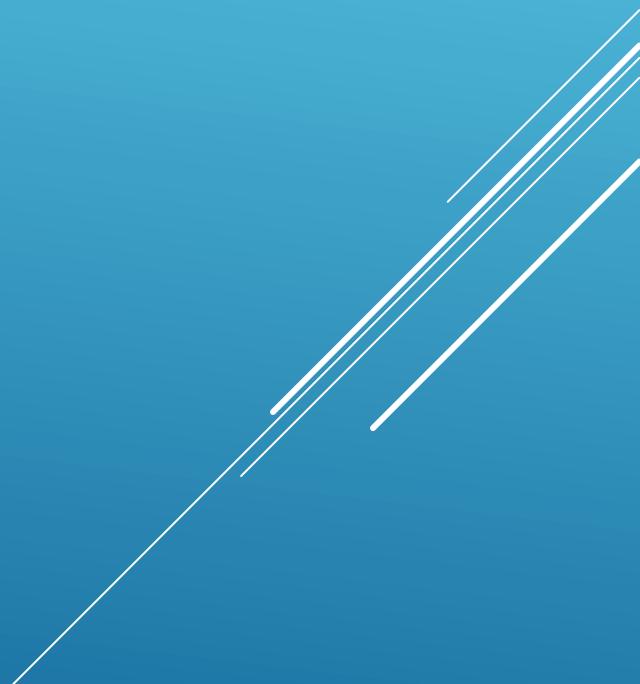
#assisesagriculture2026

CLUSTER 1: CROP

Food Sovereignty and Resilient Production systems
Conservation of Genetic Resources and Breeding Coherence

Atal Bihari Vajpayee
Institute of Public
Service and
Innovation

TEAM MEMBERS: Saraye B (Mrs.), Nowbuth R.D (Ms.), Gowreesunkur H (Mrs.) & Huzar Futtu Beejan P (Mrs.)



Cluster 1

Food Sovereignty and Resilient Production Systems

Reinforces national self-reliance by promoting diversified, adaptive and sustainable production systems that reduce dependence on imports and external shocks.

Conservation of Genetic Resources and Breeding

Protects and develops local genetic resources to secure long-term autonomy, resilience and adaptation to evolving agro-ecological conditions.



Challenges

1. High reliance on importation
Food import ~ 54 billion Rs(2024)
Seed import ~ 28 million Rs (2024)
1. Impact of climate change on production
2. High Post harvest losses & inadequate storage facilities
3. Absence of Neglected and underutilized crop (NUC) and traditional varieties in local diet
4. Resource limitation (land, labour, infrastructure, technology)
5. Inadequate seed multiplication capacity and breeding
6. Incoherence and lack of policies
7. Gaps in coordination and integration (inter/intra institutional, regional)

PROPOSED INTERVENTIONS

Boosting production and use of Strategic Crops

Hydroponics, Vertical Farming and Agritech & Knowledge Exchange

Revitalisation of niche high value commodity and Use of NUC

Improving availability & access land, labour, machines

Local breeding. Seed multiplication and distribution & quality assurance

Germplasm conservation /multiplication/distribution

National Seed Policy; Seed Rights and Regional cooperation

Financial Incentives

DOMAINS OF INTERVENTION

Rationalised approach to Strategic Crop Production

Resource management strategy

Breeding, Seed multiplication/distribution , Quality Assurance

Conservation of Local genetic resources

Policy Development, Farmer Rights and Regional Cooperation

Financial Incentives for Innovations

PROPOSED FLAGSHIP INTERVENTIONS

Determine Production targets towards achieving food security

Develop programme for niche commodity production and utilisation of heritage crop

Establish of land, infrastructure, labour and machinery framework for improved availability

Develop a Sectorwide Breeding and Seed Multiplication programme

Establish Inclusive Germplasm Conservation programme to broaden the local genetic pool

Utilise Local and Regional Experience for coherent Germplasm Policy

Scan for Innovative technologies for Financial Support

Thank you