



# *35<sup>Th</sup> International Vegetable Training Course (From Seed to Harvest)*

*S.A.S.P Senawirathna-Agriculture Instructor  
Department of Agriculture-Sri Lanka*





# *Department of Agriculture*

Function Under the Ministry of Agriculture in  
Government of Sri Lanka

Main Function

- ❖ Research
- ❖ Extension
- ❖ Seed and planting material Production
- ❖ Regulatory Service

Plant Protection Act, soil conservation Act, Control  
pesticide Act, Seed Act





# *Management Structure*

## ***3 Research Institute***

- Rice Research and Development Institute
- Field Crop Research and development institute
- Horticultural Crops Research and Development Institute





# *Management Structure*

## 6 Technical Service Centers

- Seed Certification and Plant protection Center
- Seed and Planting Material development Center
- Extension and Training Center
- Social economic and Planning
- Natural Resource Management Center
- Progress Monitoring and Evaluation Center





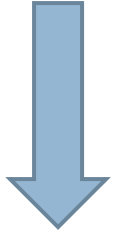
# *Seed and Planting Material Development Center*

## Objectives

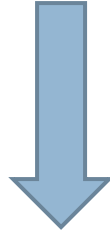
- Production of Basic Seed and planting materials
- Production and distribution of certified seed with contract growers
- Management of government Seed farms
- Seed Industry Development and coordination
- Maintenance of Buffer Seed stocks
- Coordination of Seed and planting material supply program



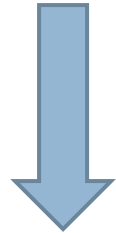
# *Seed and Planting Material Development Center*



Deputy Director  
Office



Government Seed  
Farm



Sale centers



# *My Responsibilities.....*

- ❑ Conduct Seed production program with the contract Seed growers
- ❑ Arrange the training classes for farmers
- ❑ Supply Certified Seeds to the farmers
- ❑ Maintain the buffer Seed Stocks





# *Most Useful topic in this training.....*

- ❑ Seed Health and Seedling management
- ❑ Pest and disease Management in vegetables
- ❑ Seed Processing and preservation





# *Development Action Plane*

Obtain Healthy seedlings at the nursery stage



# *Problems.....*

- ❑ Reduce of the Seedling vigor at the Nursery Stage
- ❑ Pest and Disease damage to the seedlings
- ❑ Economical losses



# *Objectives.....*

- To Obtain healthy and vigor Seedling at the nursery stage
- To Maintain pest and Diseases free Seedlings
- To obtain good Quality production from the Healthy seedlings





# *Target Groups....*

- Group of Contract seed production Farmers



- Time Period-  
December-January(Nursery period)

# Activities, Outputs, Results

	Activity	outputs	Result
1	<p>Preparation of training manuals to obtain healthy seedling at the nursery stage</p> <ul style="list-style-type: none"> <li>• Selection of Healthy Seeds</li> <li>• Seed treatment</li> <li>• Nursery media preparation</li> <li>• Identification pest and diseases</li> <li>• Identification of Nutrient Deficiency</li> <li>• Control measures</li> </ul>	Prepared training manuals	<p>Improved seedling management</p> <p>Knowledge of the farmers</p>
2	<p>Conduct training programs on seedlings management technologies and distribution of training manuals to Framers</p>	<p>Trained Farmers</p> <p>Training materials for Seedling management</p>	<p>Increased adoption of seedling management</p>

	Activity	outputs	Result
3	Use of seedlings management technique in practically	Completed healthy seedlings	Healthy seedlings for field planting
4	Conduct follow up training activities provided to Farmers	Preparation of final report	Reduce the economic losses



# *Challenges..*

- Changing the farmers mind to new technology Practices ????



Thank you.....

