

## **Department of Horticulture and Plantation crops**

### **Preparedness measures to be taken for Horticulture Crops during North East Monsoon**

#### **Polyhouse:**

- The base of the poly house should be fixed to the ground through steel rod.
- All windows and doors of poly house should be closed to avoid the entry of air inside the polyhouse.
- The trees nearby poly house should be pruned.
- The damaged parts of the poly house should be changed.

#### **Shade net:**

- Damages in the shade net sheet should be stitched properly.
- The base of the shade net should be fixed to the ground through steel rod.

#### **Perennial Crops**

##### **1. Mango /Guava/Jack fruit/Cashew/Acid Lime:**

- Dried and dead branches should be removed.
- Trees should be pruned to reduce the tree weight to get good aeration.
- Earthing up should be done around the base of the trunk.
- Proper drainage should be provided.
- Drenching with fungicides should be done to avoid diseases.
- Small plants should be staked properly to avoid wind damage.
- After the monsoon/cyclone, if there is any damage, earthing up should be done around the base of the trunk.
- Affected branches should be removed and Farmyard manure should be applied.
- Matured fruits should be harvested.

##### **2. Grapes:**

- Proper drainage should be provided.
- Bordeaux mixture paste should be applied to the grape vine to avoid diseases.

- Excess leaves should be pruned to get good aeration.
- The grape vine should be tied to the pandal properly.

### **3. Pepper:**

- Proper drainage should be provided.
- Trichoderma viride and Pseudomonas fluorescens should be applied to avoid diseases.
- Support plants should be pruned to regulate the shade.

### **4. Clove and Nutmeg**

- Proper drainage should be provided
- Dried and dead branches should be pruned to get good aeration and shade.
- Earthing up should be done around the base of the trunk.
- Small plant should be stalked properly to avoid wind damage.

### **5. Cocoa:**

- Dried and dead branches should be pruned.
- Excess leaves/branches should be removed.
- Bordeaux mixture should be applied in the trunk of the tree
- Matured fruits should be harvested.
- Small plants should be stalked properly to avoid wind damage.

### **6. Rubber**

- Small plants should be stalked properly to avoid wind damage.
- The trunk of the tree should be cleaned to provide good drainage.
- Fungicides should be applied in latex extraction region of the tree.
- Rain guard should be used to avoid entry of rainwater to the latex

## **II. Annual Crops:**

### **1. Banana:**

- To avoid wind damage earthing up should be done.
- Propping should be done with poles of Eucalyptus and casuarina sticks to avoid wind damage.
- Field should be maintained clean to ensure proper drainage.
- Bunches should be covered properly.
- Bunches which are above 75% of maturity should be harvested.

**Other Horticulture Crops:**

- Crops like Banana, Tapioca, Onion, Chillies, Tomato, Bhendi, Coriander, Brinjal, cabbage, Garlic, Ginger, Potato, Turmeric and Carrot should be insured under PMFBY.
- Proper drainage should be done to avoid stagnation of water.
- Irrigation and fertilization should be temporarily stopped.
- Newly planted crops should be tied to Support structures in the direction opposite to the wind to prevent wind damage.
- Required plant protection measures should be taken up in the field.