

## **SPECIAL BULLETIN FOR UPCOMING HEAVY RAINFALL IN MIZORAM**

### **Rice:**

#### **Harvesting stage**

- Harvest all matured panicles possibility of rain will be high coming week process, dry and pack paddy varieties separately without mixing for better price for the produce.
- Don't keep harvested rice bundles in field or cover with plastic.
- Crops like toria, groundnut, rabi maize, vegetables etc. should be sown immediately after rice crop in irrigated medium lands.
- Farmers are also advised to collect their own saved seeds from a well matured, healthy and genetically pure crops for sowing in the next year

#### **Panicle Emergence stage:**

- There may be chances of Leaf Folder damage due to prevailing humid weather. The attack may be managed manually by collecting and destroy infected leaves, flooding the field followed by dragging a roap across the field and draining out the water. The attack may also be managed by application of Cypermethrin+ Chloropyrophos 1ml per liter of water and application of urea in the field may temporarily be stopped.
- Due to high humidity possibility of rice blast will be high. Destroy the infested residue, stubbles, grass and weeds present in the bunds of the field as they act as a source for the infection or spray Trycyclazole 0.06 gm/lit of water.
- Weed sanitation and eradication of alternate hosts from rice fields and surrounding areas can help prevent the multiplication of the Gandhi bug.
- Mechanical control measures such as smoking the field, hand-picking of adults and nymphs have also been advocated.

### **Kharif Maize:**

#### **Harvesting stage:**

- Harvest all matured cob possibility of rain will be high coming week and hang all the mature cob near to chimni to reduce weevil attack.
- Crops like toria, groundnut, rabi maize, vegetables etc. should be sown immediately after rice crop in irrigated medium lands.
- Farmers are also advised to collect their own saved seeds from a well matured, healthy and genetically pure crops for sowing in the next year

**Rabi Maize:****Sowing stage**

- Due to heavy rainfall possibility of water logging will be high. So make a channel around the field to drain out the excess water.

**Soybean:****Sowing stage**

- Due to heavy rainfall possibility of water logging will be high. So make a channel around the field to drain out the excess water.

**Toria:****Sowing stage**

- Due to heavy rainfall possibility of water logging will be high. So make a channel around the field to drain out the excess water.

**Vegetables:****Crucifer vegetables:**

There is possibility of high damping off in coming weeks due to high humidity and high temperature and less rainfall. They can go for nursery from October 1<sup>st</sup> to 2<sup>nd</sup> week onwards.

**Nursery preparation:**

- Cover all the nursery and make drain around nursery possibility of rainfall will be high for next coming 5 days.
- Use Bavistin 2g/lit of water every 7 days interval protects from Damping off disease.

**Potato:**

- Possibility of tuber rot will be high to next coming weeks due to high humidity.
- Farmers can delay their sowing of potato 10 days.
- Before sowing the potato tuber should be treat with Bavistin (Solution 3 gm/lit of water) and before sowing the tuber (15 days before), lime must be apply in the field to manage soil pH and reduce the disease infection.