

## Special Agricultural Contingency Bulletin in Connection with Cyclone Fani for the state of Meghalaya

(Dated 03-05-2019)

In the backdrop of cyclone 'Fani' in the Bay of Bengal it is expected to receive heavy to very heavy continuous rainfall and gusty wind in the North Eastern states of Assam and Meghalaya up to 5-6 May 2019. Hence, following contingency measures *w.r.t.* agricultural activities may be considered by the farmers of all the districts of Meghalaya.

- Stop normal agricultural operations like ploughing, sowing/transplanting, application of chemicals etc. at the time of cyclone/heavy rain occurrence.
- In case of cyclone provide field drainage, staking and propping of plantation crops.
- Provide surface drainage in the field crops/vegetables/fruit crop fields at the earliest possible.
- After heavy rainfall is over apply hormones/nutrient sprays to prevent flower drop or promote quick flowering/fruiting in fruit and vegetable crops (Consult nearest KVK)
- Adopt need based plant-protection measures against pest/disease outbreaks with appropriate prophylactic/curative interventions (Consult nearest KVK)
- If crop is at maturity stage, harvest the crop/mature fruits immediately.
- Remove the dead plants and do necessary gap filling to maintain healthy plant population.
- Carry out weeding as required and apply foliar spray of 1%KNO<sub>3</sub> or water soluble fertilizers like 19-19-19, 20-20-20, 21-21-21 at 1% to support rejuvenation and optimum plant nutrition.
- If flood occurs and sand is deposited in the crop field, try to remove sand at the earliest, replough and do re-sowing of crops.
- In case of flood damaged rice crop do re-transplanting in damaged fields and transplanting new areas or direct seeding depending on seed availability.
- In case of hailstorm damage Spray 0.1% Carbendazim to control secondary fungal infection.
- Under hailstorm damage in mango Spray potassium nitrate @ 1% to arrest flower and fruit drop.
- If cloudy conditions persist after the hail occurrence, orchards may be sprayed with Fipronil (5% EC) @ 1.5 ml/litre or Spinosad (45% SC) @ 0.3 ml/litre to control hoppers and thrips and Hexaconazole @ 1ml/litre to control powdery mildew disease.
- In banana affected by hail/cyclone, if fruits are matured enough, cut the bunch and sale at the earliest. In less matured crops, heavily prune the damaged leaves.
- Cyclone affected broken and damaged branched of mango may be pruned and applied with 1% Bordeaux paste.
- Look for dry fodder and arrange clean drinking water for the livestock.
- Take proper care of the shelters and look out for any possible outbreak of diseases of livestock. Carry out necessary vaccination if such situation arises.
- Claim insurance if damaged crops are under agricultural/weather insurance cover.
- Repair damaged dykes of fisheries ponds and take care so that fishes does not escape.
- Avoid water logging of floor of the animal house.