



Special agro-meteorological advisory for cold wave

(For Gopalganj, Rajshahi, Pabna, Naogaon, Panchagarh, Kurigram, Jeshore, Kushtia, Chuadanga, Barishal, Patuakhali, Jhalokati, Barguna, Bhola and Pirojpur districts)

Issued date: 20-12-2021

According to the Bangladesh Meteorological Department, mild to moderate cold is prevailing in Gopalganj, Rajshahi, Pabna, Naogaon, Panchagarh, Kurigram, Jeshore, Kushtia, Chuadanga, Barishal, Patuakhali, Jhalokati, Barguna, Bhola and Pirojpur districts. Ongoing cold spells may continue and may spread.

Subject to the analysis of the data obtained from the Bangladesh Meteorological Department, with the approval of the Director General, Department of Agricultural Extension, the following agromet advisories are provided for the above districts:

- Cover the seedbed with polythene sheet from evening to morning to minimize the effects of low temperature on germination and seedling growth of Boro rice seeds. However, if the cold spell continues for a long time, the seedlings should always be covered with polythene day and night and the polythene should be kept partially open on both sides of the seedbed.
- Boro paddy seedbed should retain 3-5 cm of water. Seedbed water should be taken out in the morning and new water should be given again. The accumulated dew should be dropped every morning.
- In case of cold flow after planting the seedlings, 5-7 cm of water should be retained in the soil.
- In the current weather, thrips infestation may occur in boro paddy. If the rate of attack is more than 25%, spray with 2 g of malathion per liter of water. If less than 25%, agro-management should be continued.
- Alternaria blight can occur in mustard in the current weather. Mix 2 g of Roveral 5 WP in every liter of water and spray 3 to 4 times in 10-12 days.
- Observe the field for protection against potato late blight. If prolonged foggy weather, apply approved pesticides.
- Provide regular light irrigation to fruit trees to protect them from the harmful effects of cold. Cover young fruit trees with straw / polythene sheets / Jute bags to protect them from cold winds.
- Cover livestock and poultry house with black cloth/Jute bag and keep high voltage bulbs on.



(Dr. Md. Shah Kamal Khan)
Project Director
Cell no. +8801712184274
Telephone: +88-0255028422