



**Agro-Meteorological Information Systems Development Project
Component-C of BWCSR
Department of Agricultural Extension**

Special Agrometeorological Advisory for Heat Waves

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According to the information received from the Bangladesh Meteorological Department, mild to severe heat wave is sweeping over the country and may continue. In such cases, the following advisories are given:

- To protect the rice crop from heat wave damage, keep 5-7 cm of water in the paddy till the grain hardens. At this time, there should be no shortage of water on the land.
- Rice plants may be attacked by neck blast disease during the growing stage in the current weather. Before disease symptoms appear, spray Trooper 8 gm/10 liters of water or Nativo 6 gm/10 liters of water on 5 percent soil twice in the afternoon at an interval of 5 days.
- Provide adequate irrigation at the base of the mango tree. If necessary, water can be sprayed on the branches of the tree.
- Arrange 2 to 3 irrigations on vegetable land as per requirements in next week depending on the type of soil.
- Ensure mulching and irrigation to protect fruit and vegetable seedlings from heat wave damage.
- Avoid keeping livestock and poultry outdoors in direct sunlight during heat waves. Cattle and poultry can be sprayed with cold water on the body/house.
- Feed cattle and poultry with saline, vitamin C-rich feed. Reduce the supply of non-vegetarian foods. Avoid administering the vaccine during periods of intense heat.
- Apply 100-200 grams of lime per percent in the morning, 100-200 grams of salt in the afternoon and 50-100 grams per percent of carbohydrate material (flour, rice, corn husk etc.) every day during fever.
- Increase temperature control and required depth of water by supplying safe cold water fountains from deep tube wells/submersible pumps/other sources to ponds/reservoirs after noon if possible. If oxygen is deficient, apply 1 oxygen tablet per centimeter per foot of water depth.

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