



Updated Bulletin: Special agro-meteorological advisories for Sunamganj and Netrokona districts due to possible flash floods:

Update: 20 April, 2022 (Date of Issue: 11 April, 2022)

A review of rainfall forecasts from the Bangladesh Meteorological Department and other global meteorological agencies shows that, moderate rainfall is expected this week (April 19 to 25) in northeastern Bangladesh and adjoining parts of Assam (Barak Basin) and Meghalaya provinces of India. However, there is a possibility of moderate to heavy rainfall in some parts of the country and upstream from April 20-21. During 19th to 25th April, the water levels of Surma, Kushiyara, Sarigowain, Dhalagang, Piain, Luvachhara, rivers of northeastern Sylhet district may decrease overall and the water levels of Surma, Jadukata, Jhalukhali rivers in Sunamganj district may decrease at a somewhat slower rate overall. On the other hand, water level of Someshwari, Bhugai-Kangs, Dhanu-Baulai rivers in Netrokona district may decrease from stable in the first half of the week to overall in the second half. However, due to moderate to heavy rainfall on 20-21 April, the water level in the rivers may increase from time to time in some places and in some places of **Sunamganj and Netrokona** districts, short-term flash floods may occur / worsen.

Subject to analysis of data obtained from Bangladesh Water Development Board with the consent of Director General for the Department of Agricultural Extension, the following urgent advisories have been made to protect standing crops from the damaging effects of flash floods in **Sunamganj and Netrokona** districts:

- If the transplanted boro paddy is matured 80%, harvest immediately and keep it safe and dry place.
- Immediately harvest the matured vegetables.
- Clean the irrigation channel so that there should not be any standing water in the paddy field.
- Increase the height of bunds around the crop fields.
- Make suitable arrangements so that excess water can be drained out of the crop fields.
- Avoid application of fertilizer, pesticides, irrigation.
- Apply pesticide after rainfall.
- Provide mechanical support to the standing banana and other horticultural crops and also stacking of vegetables.
- Arrange boats for migration of essential food items and others from low to high land.
- Arrange for migration of livestock and poultry birds to high land.
- Maintain a good height of embankment around the pond. If possible, provide net or bamboo chatai around the pond to protect from flowing out with flash flood.

Dr. Md. Shah Kamal Khan
Project Director
Cell Phone No: +8801712184274