




Agromet Advisory Bulletin for Faridpur District

		
		
<p>Agro-Meteorological Information Systems Development Project Component-C of BWCSR Department of Agricultural Extension</p>		
Date: 15th July 2020 Bulletin No. 163	Agromet Advisory Bulletin for Faridpur District (15th July to 19th July 2020)	

Weather Conditions for last four days (11th July to 14th July 2020)

Weather Parameters	11.07.20	12.07.20	13.07.20	14.07.20	Range
Rainfall (mm)	23.0	31.0	30.0	3.0	3.0-31.0 (87.0)
Maximum Temperature (° C)	31.6	33.5	33.5	31.4	31.4-33.5
Minimum Temperature (° C)	28.6	25.3	26.2	27.4	25.3-28.6
Relative Humidity (%)	77.0-97.0	81.0-97.0	70.0-96.0	79.0-95.0	70-97
Wind Speed (km/h)	1.9	0.0	1.9	1.9	0.0-1.85
Cloud Amount (Okta)	8	7	6	6	6-8
Wind Direction	South/South-westerly	South/South-westerly	South/South-westerly	South/South-westerly	South/South-westerly

Weather forecast as per Bangladesh Meteorological Department for the next 5 days (15th July to 19th July 2020)

Weather Parameters	Range
Rainfall (mm)	0.0-13.8 (27.0)
Maximum Temperature (° C)	31.6-33.3
Minimum Temperature (° C)	25.9-26.7
Relative Humidity (%)	79.0-89.0
Wind Speed (Km/h)	3.6-5.0
Cloud status	Partly Cloudy Sky
Wind Direction	South/South-westerly

Agromet Advisories

Special Agromet Advisories for CORONA virus (COVID-19) transmission in Bangladesh

Farmers and all other farm managements are advised to maintain the social distancing (at least 3 meters), cover their faces with masks and follow other guidelines of Government of Bangladesh to avoid infection and social transmission of CORONA virus (COVID-19).

Salient Weather Conditions & Forecast

The axis of monsoon trough runs through Rajasthan, Uttar Pradesh, East Madhya Pradesh, Bihar, Gangetic West Bengal thence north-eastwards to Assam across central part of Bangladesh. One of its associated trough extends up to North Bay. Monsoon is fairly active over Bangladesh and moderate over North Bay. As per the weather forecast received from the Bangladesh Meteorological Department (BMD) during next 24 hours, light to moderate rain/thunder showers accompanied by temporary gusty wind is likely to occur at few places over divisions with moderately heavy falls at places over the district. Day and night temperature may rise slightly over the district. As per the outlook issued by BMD for next 72 hours, rainfall activity is likely to decrease.

As per the Flood Situation Bulletin and Summary issued by the Flood Forecasting & Warning Centre, Bangladesh Water Development Board as on 15.07.2020, flood condition may deteriorate in this district during next 24 hours. As per the medium range flood forecast (15.7.2020), Flood situation is likely to continue in in the low lying areas of these districts during next 10 days. As per the special outlook on flood condition issued on 14.7.2020.... during next five days from 21st July, there is chance of flood condition in the low-lying areas of the district

Detail Agromet advisories are given below.

Special Advisories for low lying areas in the district due to flood and heavy rainfall condition.

1. Hold on all agricultural operations like transplanting, application of irrigation, fertilisers, pesticides etc.
2. Postpone harvesting of the matured vegetables and horticultural crops.
3. Community based Aman rice seed bed may be raised on higher places to avoid heavy rainfall & flooding.
4. Select high land for Aman rice seedbed. Raise seedlings by using floating or Dapog seedbed technology where raised land is not available.
5. To prevent water stagnation in aman sed bed, construct channels around the seed bed for drainage.
6. Made suitable arrangements for draining out excess water from the crop field.
7. Clean the irrigation channel for draining out extra water from the field.
8. Keep all the farm produce in safe and dry place.
9. Maintain elevated bunding around and inside the crop field so that heavy rainfall may not affect the standing crops
10. Provide mechanical support like popping of sugarcane crops (tying of three to four plants together), support of horticultural crops particularly banana with three to four bamboos support to fruit plants and stacking of vegetables.

11. Due to ongoing flood condition, the special care should be taken for the domestic animal such as cow, buffalo, goat, pig etc. Therefore, immediate task now is to be shifting the animal in the high land or elevated area for the safety measure. Grazing land is limited now due to submerge with flood water, hence farmers are advised to may feed their animal with twigs and leaves of Mango, Jackfruit, Banana, Bombax plant, Sacred fig plant, Country fig etc after proper washing. Meanwhile, vigilance is needed of the hour so that animal may not feed any poisonous weed. Moreover, if any malady symptom is shown then immediately consult with the veterinary doctor for proper treatments.
12. Arrange nets around the ponds so that fishes may not come out due to heavy rainfall.
13. 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.
14. Arrange boats for migration of essential food items and others from low to high land.