



Agromet Advisory Bulletin for Feni District

		
	 Agro-Meteorological Information Systems Development Project Component-C of BWCSR Department of Agricultural Extension	
Date: 4th August, 2019 Bulletin No. 65	Agromet Advisory Bulletin for Feni District (4th August to 8th August, 2019)	

Weather Conditions for last four days (31th July to 3rd August, 2019)

Weather Parameters	31.07.19	1.08.19	2.08.19	3.08.19	Range
Rainfall (mm)	2.0	1.0	0.0	3.0	0.0-3.0 (6.0)
Maximum Temperature (° C)	32.8	33.6	33.6	32.8	32.8-33.6
Minimum Temperature (° C)	24.5	25.3	25.4	25.4	24.5-25.4
Relative Humidity (%)	64.0-93.0	66.0-93.0	67.0-95.0	81.0-97.0	64.0-97.0
Wind Speed (km/h)	1.9	3.7	1.9	3.5	1.9-3.7
Cloud Amount (Okta)	5	6	7	5	5-7
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 (4th August to 8th August, 2019)

Weather Parameters	Range
Rainfall (mm)	0.0-77.0 (92.1)
Maximum Temperature (° C)	30.9-32.8
Minimum Temperature (° C)	25.3-26.8
Relative Humidity (%)	83.0-95.0
Wind Speed (Km/h)	5.0-11.1
Cloud Amount (Okta)	Cloudy Sky
Wind Direction	South/South-Westerly

Stages of Major Standing Crops

Crop	Stage
Aman Paddy	Seedbed/ Transplanting
Aus Paddy	Panicle Initiation to Flowering
Vegetables	Harvesting/Fruit Setting/ Vegetative

Agromet Advisories

The district was affected by flood conditions recently. No flood condition is reported now for the district. However, next five days, the district is likely to receive 92.1 mm rainfall. Following agromet advisories are issued for this flood affected district on the standing crops, livestock, poultry and fishery.

1. In heavily flood affected areas and under heavy rainfall forecast, high lands should be selected for raising of community nurseries to meet the seedling requirement of the farmers when water level in the fields subside. Select local varieties for raising seedlings. The seeds of these varieties can be sown in the nursery beds up to 1st week of August.
2. Continue transplanting of paddy seedlings when flood water recedes completely and excess water due to heavy rainfall drained out completely. The seedlings of short and duration varieties (BRR DHAN 33, BRR DHAN 39, BRR DHAN 62, BRR DHAN 66, BRR DHAN 71, BRR DHAN 75) or medium duration varieties (BRR DHAN 34, BRR DHAN 37, BRR DHAN 38, BRR DHAN 49, BRR DHAN 52, BRR DHAN 70, BRR DHAN 71, BRR DHAN 79, BRR DHAN 80 and BR 25) should be transplanted at the earliest.
3. Direct seeding of photo insensitive short duration varieties like BINA 07, BINA16, BINA17 is also advocated for areas where the rice crop was totally damaged due to flood.
4. In order to escape from another flood like situation and heavy rainfall forecast, submergence tolerant varieties should be considered.
5. Water logged condition is harmful for jute. Hence, to avoid water accumulation, measures should be taken to get rid of excess water from the fields as there is heavy rainfall forecast.
6. Complete drain out of water from vegetable field.
7. Start cultivating of early winter vegetables after receding of flood water and after the heavy rainfall expected during next five days.
8. Prevent feeding the livestock with rotten grasses after flood. Instead, feed the animals with concentrate and green grasses along with vitamins and mineral supplements.
9. In flood affected areas of the district, vaccinate domestic livestock like cattle, goat and pigs against BQ, HS, Foot and mouth disease as well as anthrax disease.
10. Keep the animal in raised platform.
11. Supply adequate amount of clean and pure drinking water to animals.
12. Maintain a proper distance of the animals from the free flowing flooding streams and rivers.
13. There is possibility of muddy water influx from the surrounding areas into the fishery resulting reduction of dissolved oxygen contents. Stirring the water with a bamboo pole will help in increasing the gaseous exchange and protect the fishes from suffocation.
14. Changing weather condition could lead to viral diseases to the birds. So, farmers may provide sufficient water with 1% salt and mineral mixture. Farmers are also advised to clean the sanitary condition of poultry.