

Agromet Advisory Bulletin for Bandarban District

		
		
<p>Agro-Meteorological Information Systems Development Project Component-C of BWCSR Department of Agricultural Extension</p>		
Date: 31th July, 2019 Bulletin No. 64	Agromet Advisory Bulletin for Bandarban District (31th July to 4th August, 2019)	

Weather Conditions for last four days (27th July to 30th July, 2019)

Weather Parameters	27.07.19	28.07.19	29.07.19	30.07.19	Range
Rainfall (mm)	3.0	Trace	21.0	27.0	3.0-27.0 (51.0)
Maximum Temperature (° C)	32.6	32.2	32.8	32.0	32.0-32.8
Minimum Temperature (° C)	26.0	25.8	26.2	25.7	25.7-26.2
Relative Humidity (%)	74.0-91.0	79.0-92.0	71.0-97.0	77.0-92.0	71.0-97.0
Wind Speed (km/h)	16.7	16.7	14.8	13.0	13.0-16.7
Cloud Amount (Okta)	6	4	7	6	4-7
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 (31th July to 4th August, 2019)

Weather Parameters	Range
Rainfall (mm)	4.2-99.2 (179.0)
Maximum Temperature (° C)	28.7-30.2
Minimum Temperature (° C)	23.6-26.3
Relative Humidity (%)	83.0-97.0
Wind Speed (Km/h)	5.2-9.8
Cloud Amount (Okta)	Cloudy Sky
Wind Direction	South/South-Westerly

Stages of Standing Crops

Crop	Stage
Aman Paddy:	Seedbed/Transplanting
Aus Paddy	Tillering to Flowering
Jute	Maturity/Harvest
Vegetables	Sowing/ Fruit Setting/ Vegetative

Agromet Advisories

The district was affected by flood conditions recently. No flood condition is reported now for the district. All the major rivers of the country are in falling trend except the Ganges, which may continue in next 48 hours. The Ganges river may remain steady in next 24 hours. Following agromet advisories are issued for this flood affected district on the standing crops, livestock, poultry and fishery.

1. In heavily flood affected areas, 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. The seedlings of short and duration varieties (BRR1 DHAN 33, BRR1 DHAN 39, BRR1 DHAN 62, BRR1 DHAN 66, BRR1 DHAN 71, BRR1 DHAN 75) or medium duration varies (BRR1 DHAN 34, BRR1 DHAN 37, BRR1 DHAN 38, BRR1 DHAN 49, BRR1 DHAN 52, BRR1 DHAN 70, BRR1 DHAN 71, BRR1 DHAN 79, BRR1 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, 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.
6. Complete drain out of water from vegetable field.
7. Start cultivating of early winter vegetables after receding of flood water.
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. 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.
10. 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 advice to clean the sanitary condition of poultry.