

## Agromet Advisory Bulletin for Bandarban District

		
	 <b>Agro-Meteorological Information Systems Development Project</b> <b>Component-C of BWCSR</b> <b>Department of Agricultural Extension</b>	
<b>Date: 03th July, 2019</b> <b>Bulletin No. 56</b>	<b>Agromet Advisory Bulletin for Bandarban District (03th July to 7th July, 2019)</b>	

### Weather Conditions for last four days (29th June to 02th July, 2019)

Weather Parameters	29.06.19	30.06.19	01.07.19	02.07.19
Rainfall (mm)	27.6	27.6	25.6	16.6
Maximum Temperature (° C)	34.0	34.0	33.0	32.0
Minimum Temperature (° C)	27.0	27.0	27.0	26.0
Relative Humidity (%)	69.0-96.0	69.0-96.0	71.0-97.0	78.0-97.0
Wind Speed (km/h)	11.1	9.2	11.1	14.8
Cloud Amount (Okta)	6	6	6	7
Wind Direction	South/South-Westerly	South/South-Westerly	South/South-Westerly	South/South-Westerly

### Weather forecast as per Bangladesh Meteorological Department for the next 5 days (03th July to 7th July, 2019)

Weather Parameters	Range
Rainfall (mm)	326.7
Maximum Temperature (° C)	29.6
Minimum Temperature (° C)	25.7
Relative Humidity (%)	87.4-95.4
Wind Speed ( Km/h)	6.5
Cloud Amount (Okta)	Cloudy Sky
Wind Direction	South/South-Westerly

## Stages of Standing Crops

Crop	Stage
Aman Paddy:	Seedbed
Aus Paddy	Transplanting/Tillering
Jute	Growing
Vegetables	Sowing/ Fruit Setting/ Vegetative

### Agromet Advisories

- Under the significant rainfall forecast, avoid inter-cultural operation and application of plant protection measures and fertilizers to the standing crops. Provide adequate drainage in standing crop fields.
- Maintain 5-7 cm water level in the Aus paddy field.
- Monitor pest & diseases incidences on Aus Paddy
- Prevailing water conditions are favourable for incidences of Hairy Caterpillar & Semilooper in Jute. Monitor the incidences of these pests. If observed, apply Spray Imidochloprid/Chlorocyrin/ Nitro @ 1ml/litre of water for Hairy Caterpillar & Imidochloprid/Chlorocyrin/ Nitro @ 1ml/litre of water for Semilooper after the current spells of rainfall.
- If seedlings of brinjal and chill crops are ready for transplanting, transplant the seedlings on ridges and furrow with spacing of 60 x 60 cm. Sowing of kharif vegetables such as lady's finger, pumpkin, cucumber, sponge gourd, bottle gourd after draining out excess water from the crop field.
- Provide mechanical support to banana, to prevent the crops from lodging due to strong winds.
- Due to monsoon showers, there is a chance of Sigatoka disease in banana. As a precaution, spray Pseudomonas 20g/litre. In case of severe attack, spray 2 ml hexaconazole or 1 ml propiconazole per one litre of water by mixing it with a sticker and spray on both the surface of the leaf.
- As significant rainfall is expected, water will accumulate in the ponds, farmers are advocated to go for stocking with fingerlings or carried over seeds of 15 cm size @ 5000 per hectare of water surface area and also prevailing rainfall the ponds are getting filled up with the rain water so, in this situation there may be chances of bacterial disease in fishes. To control the diseases apply lime @ 6 kg per bigha of pond. In addition to that, 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.

- Keep sufficient feed and fodder in the shed for dairy animals as heavy rainfall is expected during next five days.
- Keep the chicken in dry place and spray pesticide in frequent intervals.
- Prepare pit for plantation of saplings of mango, guava and coconut after draining out accumulated water in the field as sufficient rainfall will be received during next five days.