

Agromet Advisory Bulletin for Bandarban District

		
		
<p>Agro-Meteorological Information Systems Development Project Component-C of BWCSR Department of Agricultural Extension</p>		
<p>Date: 9th June, 2019 Bulletin No. 49</p>	<p>Agromet Advisory Bulletin for Bandarban District (9th June to 13th June, 2019)</p>	

Weather Conditions for last four days (5th June to 8th June, 2019)

Weather Parameters	05.06.19	06.06.19	07.06.19	08.06.19
Rainfall (mm)	12.4	23.2	11.8	0.70
Maximum Temperature (° C)	30.0	27.5	32.0	30.9
Minimum Temperature (° C)	26.2	25.5	26.2	26.5
Relative Humidity (%)	78-93	81-95	71-91	76-90
Wind Speed (km/h)	10.49	8.79	10.84	7.86
Cloud Amount (Okta)	Clear sky	Clear sky	Clear sky	Clear sky
Wind Direction	South/South-Westerley	South/South-Westerley	South/South-Westerley	South/South-Westerley

Weather forecast as per Bangladesh Meteorological Department for the next 5 days (9th June to 13th June, 2019)

Weather Parameters	Range
Rainfall (mm)	415.59
Maximum Temperature (° C)	31.76
Minimum Temperature (° C)	26.26
Relative Humidity (%)	79.4-89.2
Wind Speed (Km/h)	8.68
Cloud Amount (Okta)	Clear sky
Wind Direction	South/South-Westerley

General Advisory: Trough of low lies over West Bengal to Northeast Bay across Southern part of Bangladesh. Southwest monsoon has advanced up to Teknaf Coast. Rain/thunder showers accompanied by temporary gusty wind is likely to occur at most places over the district. As per the weather forecast of Bangladesh Meteorological Department, 41.5 cm rainfall is expected over the district. Besides, the district has already received good amount of rain during last four days Thus, this may be ideal condition for transplanting of Aus paddy in the main field and also preparation of seeded for Aman paddy in *kharif season*. Both these operations should be done after draining our excess water from the field as heavy rainfall is expected during next few as mentioned before. Because of expected good amount of rainfall, irrigation channel should be cleaned for draining out of excess water particularly from vegetable fields. Mechanical support especially for Banana and other horticultural crops is also advised for expected temporary gusty wind.

Agromet Advisories

- Advise for preparation of seeded for Aman paddy in *kharif season*

Aus Paddy: Seedbed to Transplanting

- If the nurseries in the seedbed become yellowish, apply 7 gram urea per sq. mete after draining out excess water from the field after the current spells of rainfall.
- If the nurseries in the seedbed are not green in colour, apply 10 gm gypsum per sq. mete after draining out excess water from the field after the current spells of rainfall.
- Remove weeds by hand.
- If the population of Thrips and Green Leaf Hopper exceeds 25%, apply Malathion group insecticide at the rate of 1ml/1 litre of water.

If the seedlings are ready for transplanting, this is the ideal time for transplanting as good amount of rainfall is expected and also monsoon will shortly advance to this district.

Jute: Growing stage

Avoid irrigation and also drain out excess water from the field.

There is a chance of incidences of Hairy Caterpillar. Following control measures is advised.

Collect the egg mass and destroy

Use light traps.

Spray Imidocholoprid/Chlorocyryn/ Nitro @ 1ml/litre of water.

There is a chance of incidences of Semiloper. Spray Imidocholoprid/Chlorocyryn/ Nitro @ 1ml/litre of water after the current spells of rainfall

Brinjal, Pointed Gourd, Cucumber, Bitter gourd, Ridge gourd, Yard long bean & Lady's finger :Fruit Setting/ Vegetative

Vegetables:

Avoid irrigation and also drain out excess water from the field.

- Monitoring is advised for infestation of mites in okra. Larvae and nymph of mite are greenish red while adults are oval reddish brown in colour. Mite feed on the under surface of leaves and the affected leaves gradually start curling and get wrinkled and crumpled. If infestation is found, spraying of Ethion @1.5-2 ml/liter of water is advised.