


Agromet Advisory Bulletin for Bandarban District

		
		
<p>Agro-Meteorological Information Systems Development Project Component-C of BWCSR Department of Agricultural Extension</p>		
Date: 30th June, 2019 Bulletin No. 55	Agromet Advisory Bulletin for Bandarban District (30th June to 4th July, 2019)	

Weather Conditions for last four days (26th June to 29th June, 2019)

Weather Parameters	26.06.19	27.06.19	28.06.19	29.06.19
Rainfall (mm)	0.0	23.6	21.6	0.0
Maximum Temperature (° C)	34.5	34.2	33.4	33.4
Minimum Temperature (° C)	30.3	27.2	28.1	28.2
Relative Humidity (%)	70.0-82.0	68.0-92.0	70.0-87.0	68.0-94.0
Wind Speed (km/h)	7.4	15.4	9.7	15.1
Cloud Amount (Okta)	4	6	6	5
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 (30th June to 4th July, 2019)

Weather Parameters	Range
Rainfall (mm)	64.6
Maximum Temperature (° C)	30.5
Minimum Temperature (° C)	25.6
Relative Humidity (%)	85.2-91.2
Wind Speed (Km/h)	9.2
Cloud Amount (Okta)	Cloudy Sky
Wind Direction	South/South-Westerly

Status of Monsoon & corresponding rainfall over the district Monsoon is fairly active over Bangladesh and weak to moderate elsewhere over North Bay. During next five days the district is likely to receive 64.6 mm rainfall. However, the district received 45.2 mm rainfall during last four days.

Agromet Advisories

Aman Paddy:

- Advise for preparation of seedbed.
- Seedbed may be well exposed and high land and less chance of submergence due to water. Arrange for floating seedbed in absence of high land.
- Promising variety BRR1 DHAN 33, 49,51,52,39 AND 87 may be taken up.
- Apply 2kg gobar, 10 gm Urea and 10 gm gypsum per square meter seedbed to get good seedlings.
- Construct mini pond close to the main field so that rain water may be harvested and the water may be used during the dry condition

Aus Paddy: Transplanting to Tillering Stages

Transplanting Stage:

Advise for transplanting utilizing the expected and realised rainfall.

Tillering Stage

- Apply need based irrigation and maintain 5-7 cm water level in the crop field
- Remove weeds either by hand or application of weedicides after the current spells of rainfall.
- Monitor the incidences of stem borer and leaf roller and also blast and bacterial leaf blight diseases and contact nearby office at upazila level for further information and advice.

Jute: Growing stage

- Avoid irrigation.
- 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.
- Monitoring is advised for infestation of mites in okra. If infestation is found, spraying of Ethion @1.5-2 ml/liter of water is advised after the current spells of rainfall.
- For pointed gourd, cucumber, ridge gourd and bitter gourd periodic hand weeding should be followed.
- Hand pollination in pointed gourd, teale gourd, sweet gourd early in the morning and during evening in ridge gourd helps to set cent percent fruit.
- Carry out hand pollination in pointed gourd, teale gourd, sweet gourd early in the morning and during evening in ridge gourd to set cent percent fruit.

Fishery

- √ 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.
- √ As water has already started to accumulate in the ponds, farmers are advocated to go for stocking with fingerlings.
- √ Contact nearby office of fishery in the upazila office for further advise.

Livestock

- Prevailing condition are favorable for the incidences of different diseases.
- √ Vaccination & deworming may be done at regular interval.
 - √ Prevailing climate may cause the for Hemorrhagic Septicemia, Anthrox, Black Quarter Foot & Mouth diseases. Farmers are advised to vaccination of animal.
 - √ Ensure proper cross ventilation to avoid ammonia accumulation.
 - √ Contact office of livestock in upazila office for further advise.

Poultry

- √ Keep the ckicken in dry place and spray pesticide in frequent intervals.
- √ Vaccination against Ranikhet disease in one week old chicks and against Gamboro disease in two weeks old chicks may be carried out.
- √ Contact office of livestock in upazila office for further advise.