





## Agromet Advisory Bulletin for Bandarban District

		
		
<p><b>Agro-Meteorological Information Systems Development Project</b>  <b>Component-C of BWCSR</b>  <b>Department of Agricultural Extension</b></p>		
<p><b>Date: 2nd June, 2019</b>  <b>Bulletin No. 48</b></p>	<p><b>Agromet Advisory Bulletin for Bandarban District (2nd June to 6th June, 2019)</b></p>	

### Weather Conditions for last four days (29th May to 1st June, 2019)

Weather Parameters	29.05.19	30.05.19	31.05.19	01.06.19
Rainfall (mm)	0.4	0	0	21
Maximum Temperature (° C)	34.6	34.5	34.7	34.4
Minimum Temperature (° C)	28.5	28.7	27.8	28.6
Relative Humidity (%)	65-90	65-91	63-92	67-86
Wind Speed (km/h)	9.03	7.64	12.03	10.88
Cloud Amount (Okta)	Clear sky	Clear sky	Clear sky	Clear sky
Wind Direction	South-west/ Southerly	South-west/ Southerly	South-west/ Southerly	South-west/ Southerly

### Weather forecast as per Bangladesh Meteorological Department for the next 5 days (2nd June to 6th June, 2019)

Weather Parameters	Range
Rainfall (mm)	23.08
Maximum Temperature (° C)	32.62
Minimum Temperature (° C)	24.76
Relative Humidity (%)	72.2-78.6
Wind Speed ( Km/h)	7.6
Cloud Amount (Okta)	Clear sky
Wind Direction	South-west/ Southerly

**General Advisory:** Farmers are advised for clean and healthy seed which should be kept ready for sowing during current monsoon season. Cleaning of the field and repair the ridges at this time is to be necessarily completed. Farmers are advised not to burn the raw residue after harvesting the crop, better to go with ploughing the land with residue so that it increases the organic carbon and amount of nutrient in soil. Air pollution will also be controlled. Deep ploughing of the field should be done and covered with polythene after 2-3days. This will prevent crops from soil borne diseases, weeds and insect eggs will be destroyed in the soil. Send the samples of soil to the test lab for testing.

### Agromet Advisories

#### **Boro Paddy: Maturity stage/Harvesting**

Drain out excess water from the field, if any.

Remove the water from the field 10-15 days before harvesting.

Harvest the matured crop.

Immediately take the grains of boro paddy from threshing floor for sun dry.

Farmers are advised to carry the Tirpal/Covered material during transportation of paddy to grain market to avoid the wetting of grains

Deep summer ploughing should be done in harvested boro paddy field to destroy eggs and pupa of insects after 2-3 days.

Sow green manuring crop like cluster bean, daincha etc after harvesting of boro paddy in order to fertilize the field and conserve moisture in soil

#### **Aus Paddy: Seedbed**

Drain out excess water from the field, if any.

If the nurseries in the seedbed become yellowish, apply 7 gram urea per sq. mete after draining out excess water from the field.

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.

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.

#### **Jute: Growing stage**

Weeding may be done.

After weeding, apply rest of the urea's (100kg/hectare) as top dressing.

Farmers are advised to carry out thinning operation in early sowing jute crop

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

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

**Vegetables:**

- Optimum moisture level should be maintained in cucurbitaceous crops by need based irrigation as dry conditions may lead to poor pollination and thus drop in yield of the crop.

Need based Irrigation and intercultural operation should be done in tomato, brinjal, chilli, okra and other vegetable crops. Increase frequency of irrigation as per environmental temperature.

- Need based timely Irrigation is advisable to vegetables, irrigating in the early morning or evening hours.
  - Intercultural operation is advised in summer vegetables such as lady's finger, pumpkin, cucumber, sponge gourd, bottle gourd.
  - 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