




## Agromet Advisory Bulletin for Bandarban District

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|  | <br><b>Agro-Meteorological Information Systems Development Project</b><br><b>Component-C of BWCSR</b><br><b>Department of Agricultural Extension</b> |  |
| <b>Date: 19th June, 2019</b><br><b>Bulletin No. 52</b>                            | <b>Agromet Advisory Bulletin for Bandarban District (19th June to 25th June, 2019)</b>  |   |

### Weather Conditions for last four days (15th June to 18th June, 2019)

| Weather Parameters        | 15.06.19              | 16.06.19              | 17.06.19              | 18.06.19              |
|---------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Rainfall (mm)             | 8.70                  | 22                    | 22                    | 0                     |
| Maximum Temperature (° C) | 33.5                  | 32.6                  | 34.0                  | 34.5                  |
| Minimum Temperature (° C) | 27.5                  | 26.3                  | 28.0                  | 29.3                  |
| Relative Humidity (%)     | 70-92                 | 78-96                 | 72-95                 | 65-90                 |
| Wind Speed (km/h)         | 13.19                 | 13.26                 | 18.74                 | 15.26                 |
| Cloud Amount (Okta)       | Cloudy                | Cloudy                | Cloudy                | Cloudy                |
| Wind Direction            | South/South-Westerley | South/South-Westerley | South/South-Westerley | South/South-Westerley |

### Weather forecast as per Bangladesh Meteorological Department for the next 7 days (19th June to 25th June, 2019)

| Weather Parameters        | Range                 |
|---------------------------|-----------------------|
| Rainfall (mm)             | 119.9                 |
| Maximum Temperature (° C) | 31.76                 |
| Minimum Temperature (° C) | 25.34                 |
| Relative Humidity (%)     | 85.2-94.0             |
| Wind Speed ( Km/h)        | 5.48                  |
| Cloud Amount (Okta)       | Cloudy                |
| Wind Direction            | South/South-Westerley |

**Status of Monsoon & corresponding rainfall over the district:** South-west monsoon has already advanced in this district. Trough of low lies over West Bengal to Northeast Bay. 52.7 mm rainfall received during last four days and 119.9 mm rainfall will be received from 19-25<sup>th</sup> June.

### Agromet Advisories

- **Paddy**
- Advise for preparation of seeded for Aman paddy in *kharif season*.
- 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 BRRD 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 water harvesting of rain water can be made and the water may be used during the dry condition

#### **Aus Paddy: Seedbed to Transplanting.**

- Remove weeds by hand after the current spells of rainfall..
- If the population of Thrips and Green Leaf Hopper exceeds 25%, apply Malathion group insecticide at the rate of 1ml/1 litre of water after the current spells of rainfall.
- If the seedlings are ready for transplanting, this is the ideal time for transplanting as good amount of rainfall is expected.

#### **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 after the current spells of rainfall.
- 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 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, cucumber, bitter gourd early in the morning and during evening in ridge gourd helps to set cent percent fruit.