


Agromet Advisory Bulletin for Bandarban District

		
	 Agro-Meteorological Information Systems Development Project Component-C of BWCSR Department of Agricultural Extension	
Date: 16th October, 2019 Bulletin No. 85	Agromet Advisory Bulletin for Bandarban District (16th October to 20th October, 2019)	

Weather Conditions for last four days (12th October to 13th October, 2019)

Weather Parameters	12.10.19	13.10.19	14.10.19	15.10.19	Range
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0-0.0 (0.0)
Maximum Temperature (° C)	31.7	34.0	33.5	33.0	31.7-34.0
Minimum Temperature (° C)	22.5	25.0	25.0	25.5	22.5-25.5
Relative Humidity (%)	75.0-96.0	61.0-93.0	64.0-96.0	72.0-96.0	61.0-96.0
Wind Speed (km/h)	7.4	5.6	3.7	1.9	1.9-7.4
Cloud Amount (Okta)	6	0	2	4	0-6
Wind Direction	South/South-Westerly	South/South-Westerly	South/South-Westerly	South/South-Westerly	South/South-Westerly

Weather forecast as per Bangladesh Meteorological Department for the next 5 days (16th October to 20th October, 2019)

Weather Parameters	Range
Rainfall (mm)	0.0-2.7 (6.4)
Maximum Temperature (° C)	30.6-31.3
Minimum Temperature (° C)	21.5-22.5
Relative Humidity (%)	70.0-92.0
Wind Speed (Km/h)	3.5-4.4
Cloud Amount (Okta)	Partly cloudy Sky

Wind Direction	South/South-Westerly
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Stages of Standing Crops

Crop	Stage
Aman Paddy	Panicle Initiation to Flowering
Vegetables	Fruit Setting/ Vegetative

Agromet Advisories

Aman Paddy

- Apply irrigation, and maintain 2-5 cm water level at panicle Initiation to flowering stages.
- All the intercultural operations should be done.
- Second weeding should be done 30-35 days after transplanting. Weeding may be done either by hand or using weedicides. 2-4 D Amine or Butachlor may be used for weeding
- Last 1/3 nitrogen as top dressing should be applied 5-7 days before panicle initiation.
- Continuous monitoring of the economically harmful insects like stem borer, rice hispa, rice caseworm, gall midge, leaf roller, sheath blight should be done. For this light trap should be used. Light trap should be placed at some distance from the crop and bulb should be lightened from evening 06.30 PM to 10.30 PM and collected insects should be destroyed in the morning hours.
- For leaf roller attack spray Chlorpyrifos@1.5ml/lit of water
- For sheath blight spray Kopikonazole@0.75ml/liter of water
- For stemborer attack spray Triazophos@1.5ml/lit of water

Advisories for Flood Affected Areas

1. Start cultivating of early winter vegetables after receding of flood water.
2. In order to minimize the impact of recent flood, it is recommended to start necessary preparation to cultivation of rabi crops. It is advised to make arrangements to cultivate short duration mustard (Tori-7, BARI14, BARI15) in the land where hybrid boro rice will be taken during *rabi* season. Advised to collect the maize seed, red amaranth, spinach, green amaranth etc. which can be sown without preparation of field.
3. After receding water from the crop field, it is advised for direct sowing of black gram, green pea and pani kochu.
4. Sow the seeds of oilseeds and pulses after treating the same with recommended fungicides. This will reduce the chance of incidences of foot rot and collar rot.
5. During this time, it is advised to plant fruit trees and medicinal plants. If damaged by floods, fill the gaps by replanting. This year it is necessary to put more soil on the base of the plant, remove the infected portion of the plant, fencing with sticks, and replace the dead plants with new plants and other required activities. Advise for pruning of unwanted parts for mango, jackfruits, litchi. Also clean the leaves of coconut plant.
6. Prevent feeding the livestock with rotten grasses after flood. Instead, feed the animals with concentrate and green grasses along with vitamins and mineral supplements.
7. In flood affected areas of the district, vaccinate domestic livestock like cattle, goat and sheep against BQ, HS, Foot and mouth disease as well as anthrax disease.

8. After flood livestock are generally infected by parasite, therefore, it is important to provide anthelmintic treatment (After consultation with Registered Vety. Practitioner) to the livestock to prevent parasitic infection after flood.
9. Changing weather condition could lead to viral diseases to the birds. So, farmers may provide sufficient water with 1% salt and mineral mixture. Farmers are also advice to clean the sanitary condition of poultry.