Agromet Advisory Bulletin for Feni District

Agro-Meteorological Information Systems Development Project
Component-C of BWCSRP
Department of Agricultural Extension

Date: 30th June, 2019 Bulletin No. 55	Agromet Advisory Bulletin for Feni 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)	0.5	0.5	26.0	26.0
Maximum Temperature (°C)	35.2	35.5	34.5	32.5
Minimum Temperature (°C)	28.4	27.1	27.3	26.0
Relative Humidity (%)	55.0-89.0	54.0-93.0	65.0-93.0	65.0-96.0
Wind Speed (km/h)	0.9	2.1	3.2	5.0
Cloud Amount (Okta)	6	6	7	7
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)	149.3
Maximum Temperature (°C)	32.8
Minimum Temperature (°C)	26.6
Relative Humidity (%)	81.0-84.0
Wind Speed (Km/h)	8.6
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 149.3 mm rainfall. However, the district received 53.0 mm rainfall during last four days.

Name of the Crop	Agromet Advisories
Boro Paddy	**Aman Paddy:** • Advise for preparation of seedbed. Drain out excess water from 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 BRRI DHAN 33, 49,51,52,39 AND 87 may be taken up. • Apply 2 kg 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: Tillering Stage** • Drain out excess water 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.
Brinjal, Pointed Gourd, Cucumber, Bitter gourd, Ridge gourd, Yard long bean & Lady's finger	**Fruit Setting/ Vegetative** • Drain out excess water from the crop field. • 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. • Carry out hand pollination in pointed gourd, teasle 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 is favorable for the incidences of different diseases. √ Vaccination & deworming may be done at regular interval. √Prevailing climate may cause the for Hemorhagic 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.