



NATIONAL AGROMETEOROLOGICAL ADVISORY SERVICE BULLETIN

**01 March 2023 (THURSDAY)
[FOR THE PERIOD 01.03.2023 – 05.03.2023]**



DISCLAIMER

Under the Agro-meteorological Information System Development Project, Agromet Advisory Service Bulletins at National & Sixty Four (64) districts have been prepared on experimental basis. These bulletins are being displayed through the website of Department of Agricultural Extension for valuable comments/ suggestions from all concerned.

ISSUED BY

Agro-Meteorological Information Systems
Development Project
Department of Agricultural Extension (DAE)
Ministry of Agriculture
In collaboration with Bangladesh
Meteorological Department

Realized Weather at different locations in the country

Rainfall for last 24 hours (till 06 AM on 01 March 2023) and maximum temperature on 28 February and minimum temperature on 01 March 2023 is given below:

Name of Divisions	Name of Stations	Rain fall (mm)	Max. Temp (°C)	Min. Temp (°C)	Name of Divisions	Name of Stations	Rain fall (mm)	Max. Temp (°C)	Min. Temp (°C)
Dhaka	Dhaka	00	32.6	19.4	Chattogram	Chattogram	00	31.4	19.5
	Tangail	00	32.2	17.8		Sandwip	00	32.7	16.6
	Faridpur	00	32.8	16.8		Sitakunda	00	32.5	16.6
	Madaripur	00	32.2	16.1		Rangamati	00	33.5	18.0
	Gopalganj	00	33.4	17.0		Cumilla	00	31.5	16.5
	Nikli	00	30.0	16.0		Chandpur	00	33.0	18.5
Rajshahi	Rajshahi	00	33.0	15.7		M.Court	00	32.6	17.4
	Ishurdi	00	32.5	15.5		Feni	00	32.4	16.2
	Bogura	00	31.6	18.4		Hatiya	00	30.5	17.5
	Badalgachhi	00	31.0	17.0		Cox's Bazar	00	34.0	21.0
	Tarash	00	31.5	18.1		Kutubdia	00	32.5	19.0
Rangpur	Rangpur	00	30.4	19.0	Khulna	Teknaf	00	33.2	xx
	Dinajpur	00	29.6	16.5		Bandarban	00	33.4	18.9
	Sayedpur	00	30.0	18.0		Khulna	00	33.2	18.5
	Tetulia	00	28.5	17.7		Mongla	00	33.6	20.4
	Dimla	00	29.0	19.3		Satkhira	00	33.7	18.8
	Rajarhat	00	30.0	16.5		Jashore	00	34.0	16.4
						Chuadanga	00	33.2	15.7
Mymensingh	Mymensingh	00	30.3	17.0	Barishal	Kumarkhali	00	<u>35.0</u>	17.5
	Netrokona	00	30.5	16.5		Barishal	00	33.4	16.3
Sylhet	Sylhet	00	32.0	17.5		Patuakhali	00	34.3	17.6
	Srimangal	00	31.5	<u>13.3</u>		Khepupara	00	34.0	18.5
						Bhola	00	33.5	16.0

Highlights:

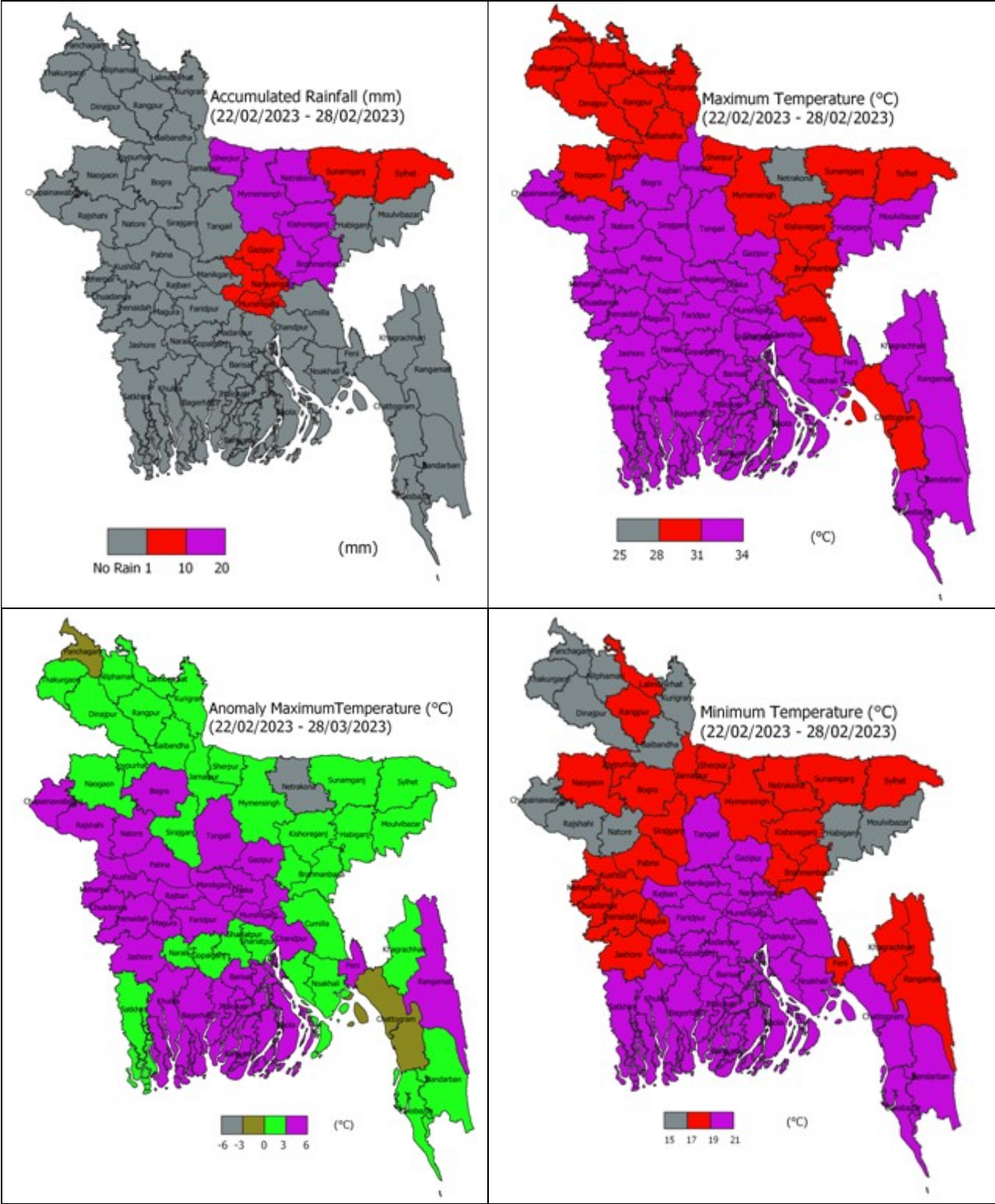
- Country average bright sunshine hour was 6.86 hours per day during last week.
- Country average free water loss during the previous week was 3.24 mm per day.

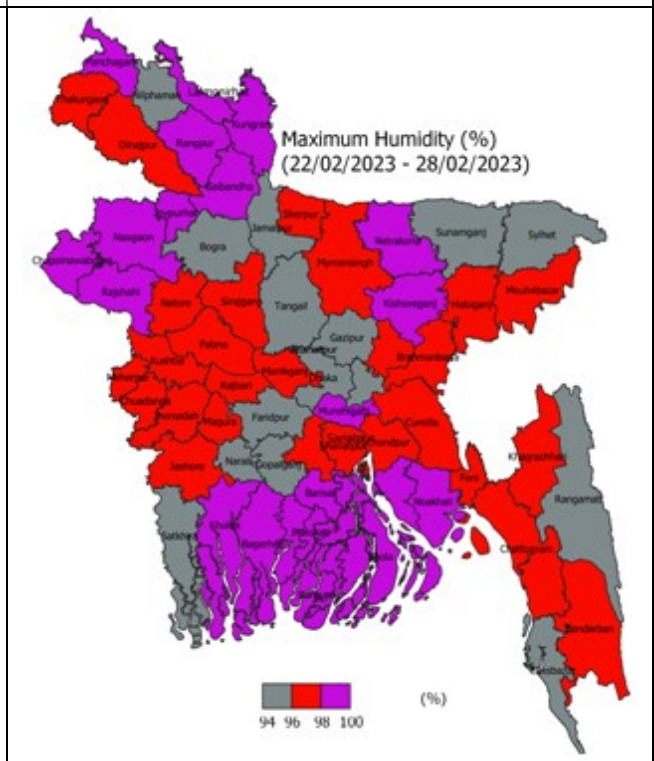
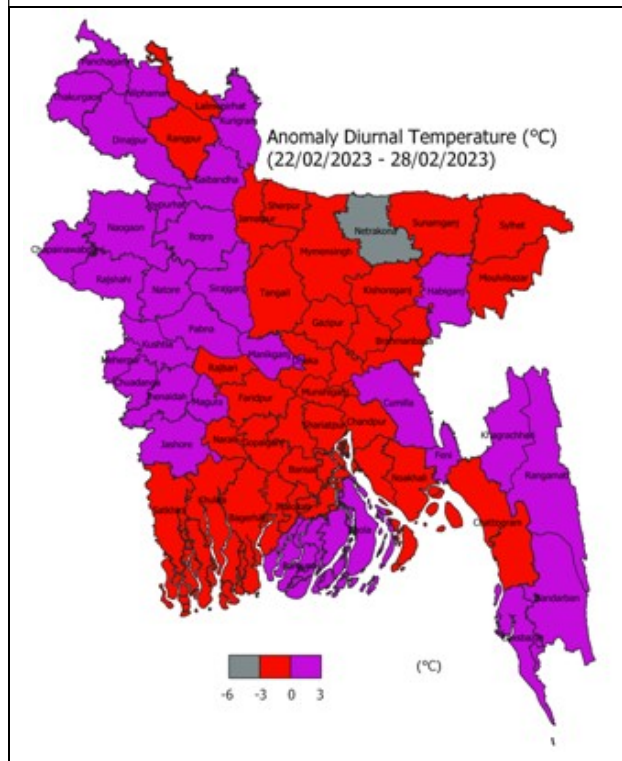
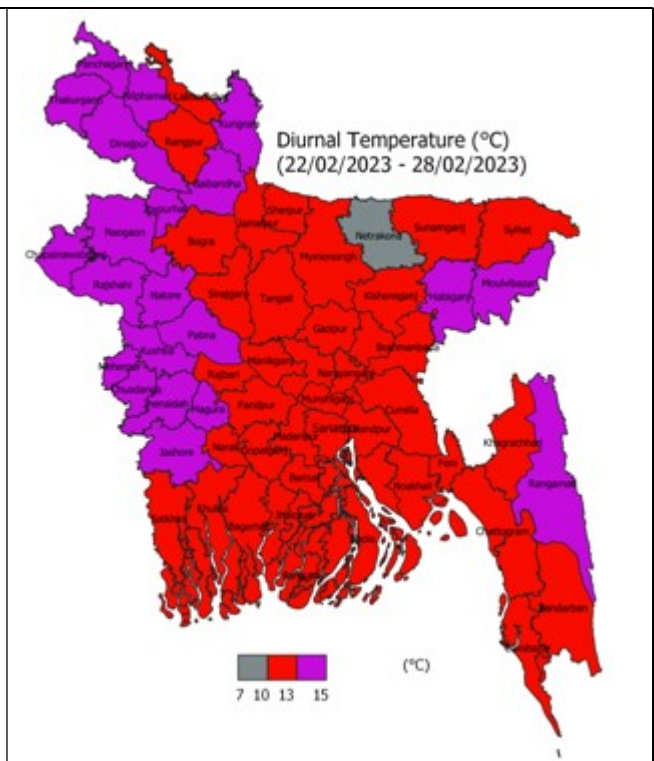
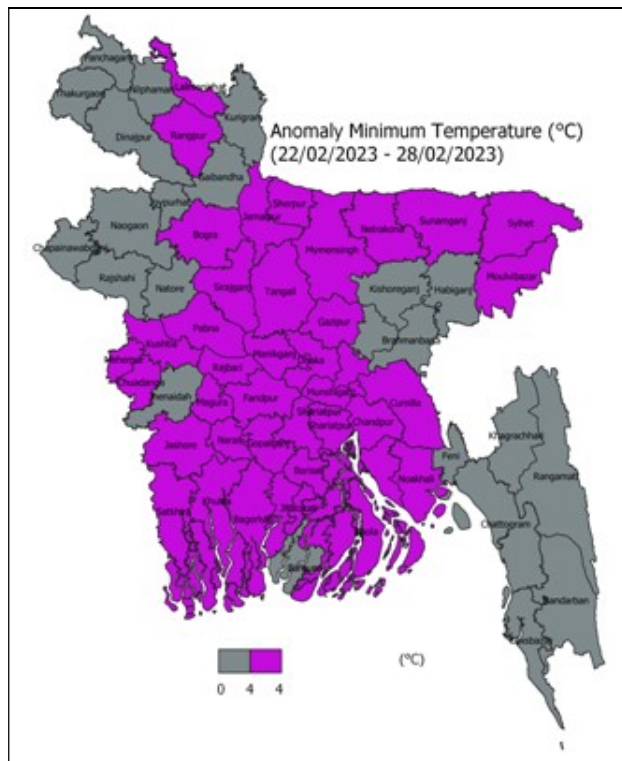
Weather Forecast Valid for 24 Hours commencing 06 PM Today:

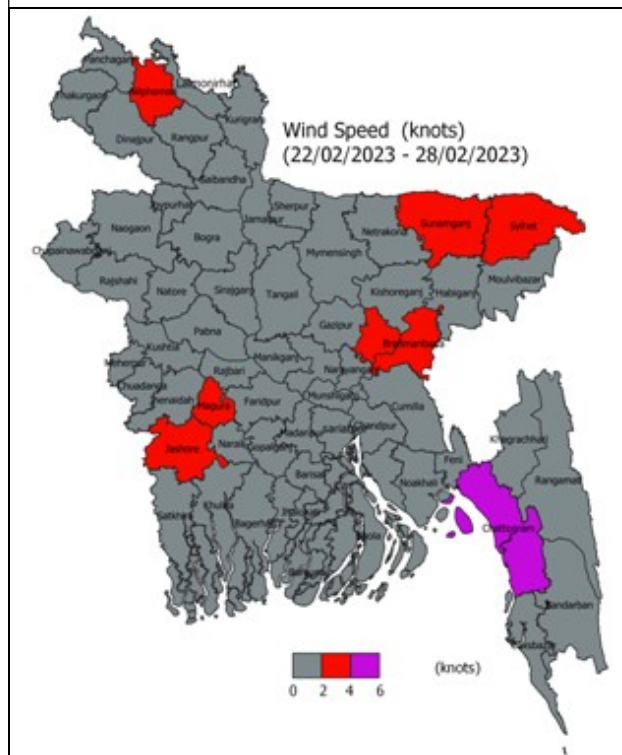
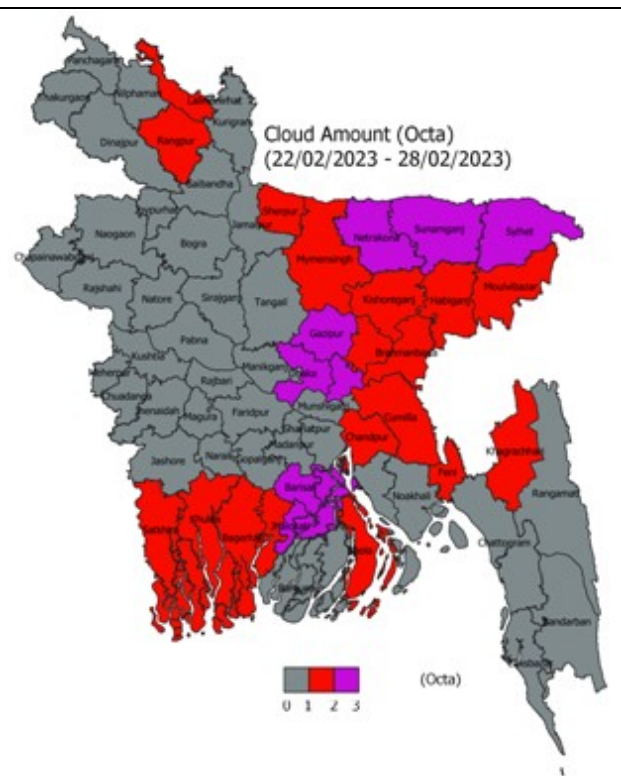
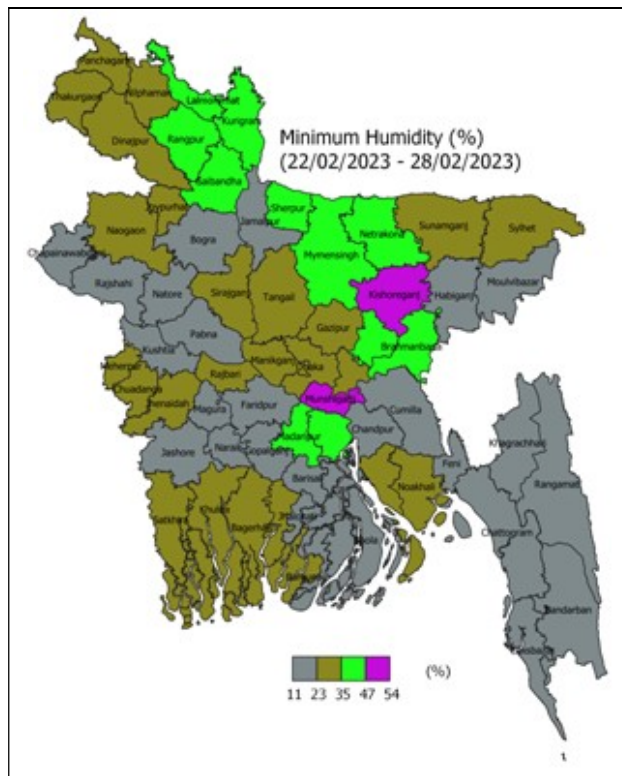
Forecast: Weather may remain dry with temporary partly cloudy sky over the country.

Temperature: Day and night temperature may rise slightly over the country.

Spatial Distribution of weather parameters for the Week ending on 28 February 2023





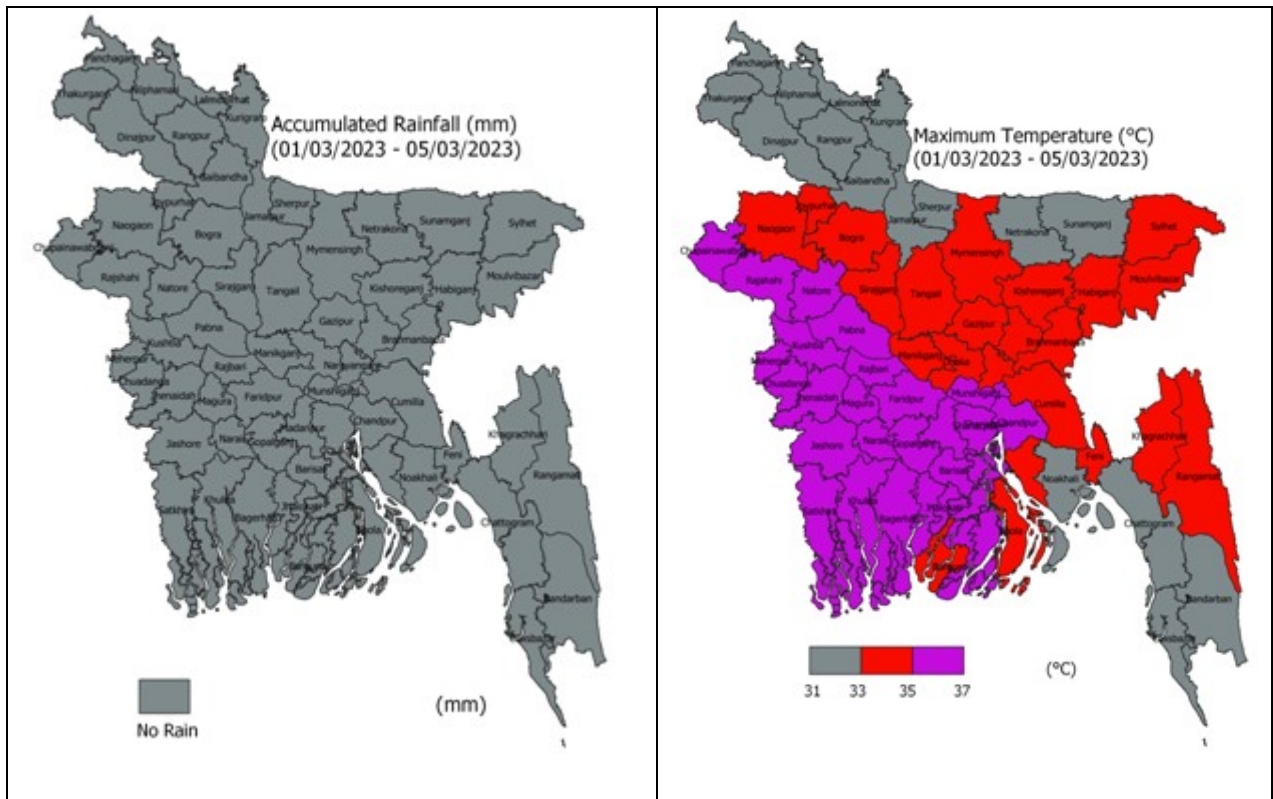


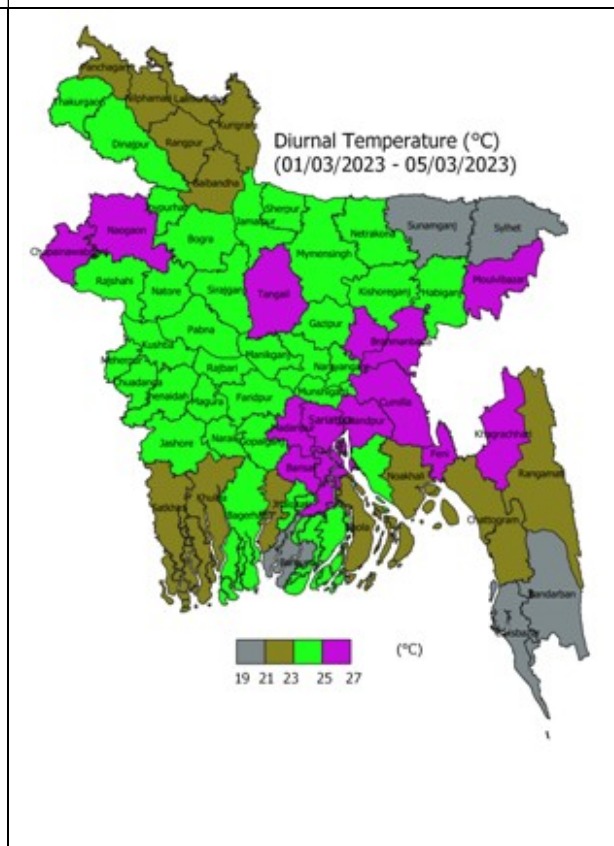
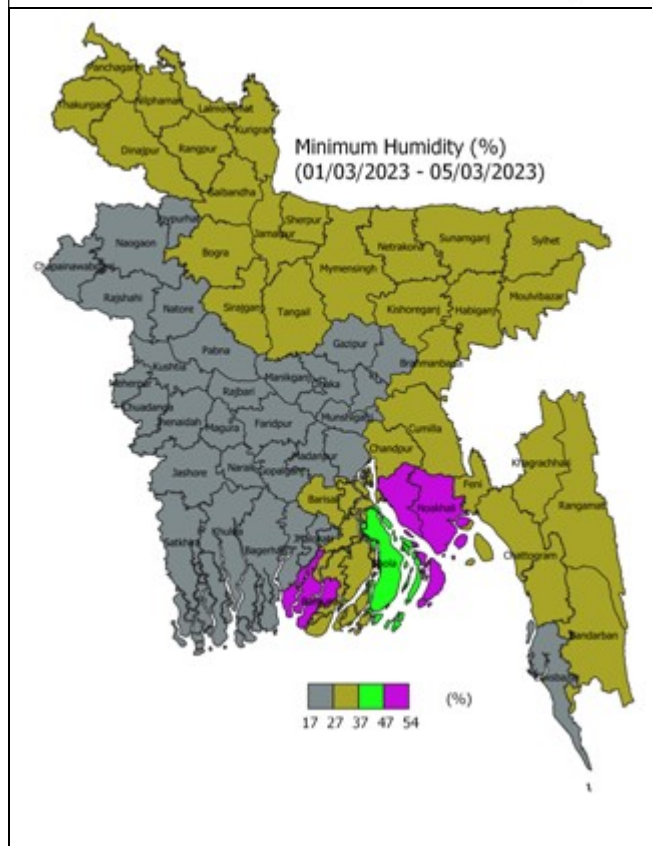
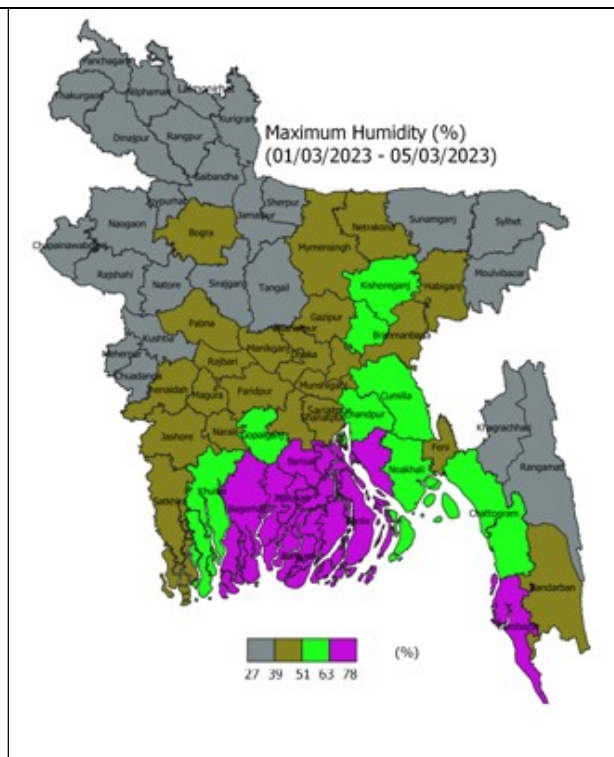
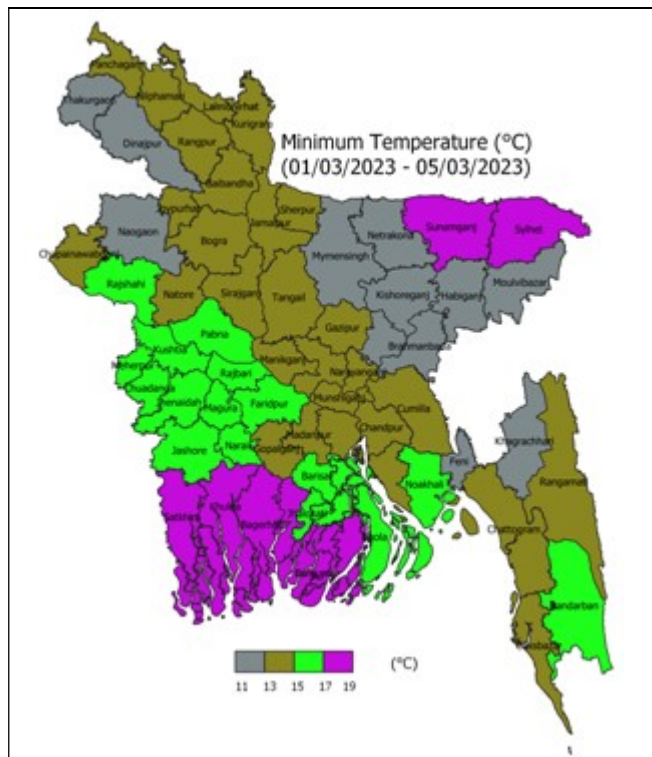
Weather Forecast and Advisory for the Period of 01.03.2023 to 07.03.2023

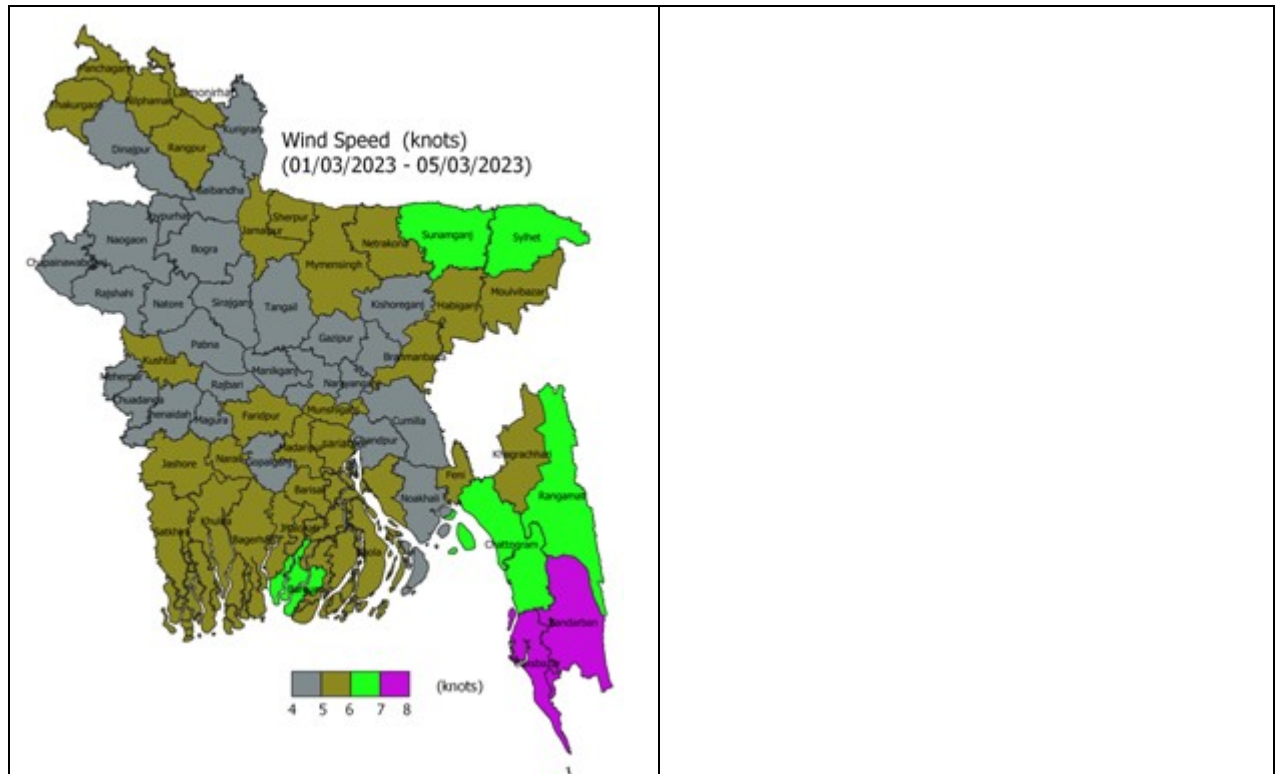
Bright sunshine hour is likely to be from 6.00 to 8.00 hours per day during this week. Average free water loss is likely to be from 2.50 to 4.50 mm per day during this week.

- Weather may remain mainly dry with temporary partly cloudy sky over the country during this period.
- Day and night temperature may rise slightly over the country during this period.

District Wise Quantitative Weather Forecast for next Five days from 01 Mar.- 05 March 2023





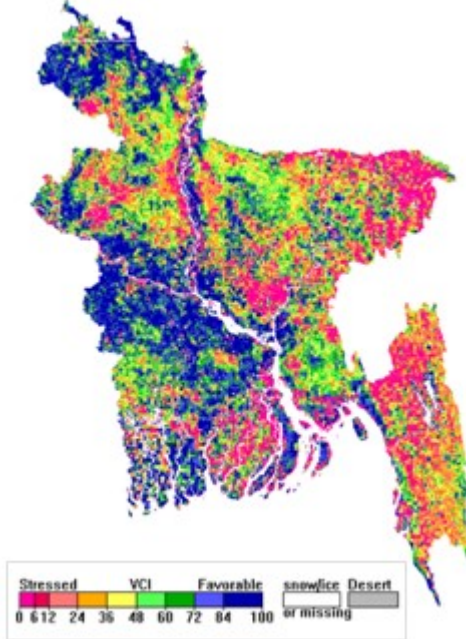


Different Satellite Products over Bangladesh

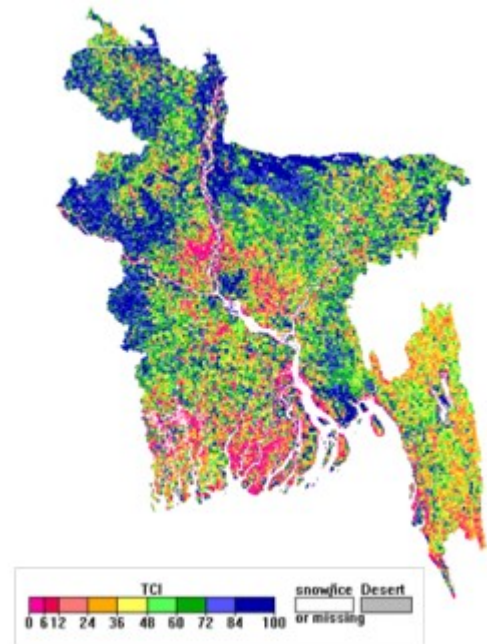
NOAA/VIIRS BLENDED NDVI composite for the week. No. 8 (19 February-25 February) over Agricultural regions of Bangladesh



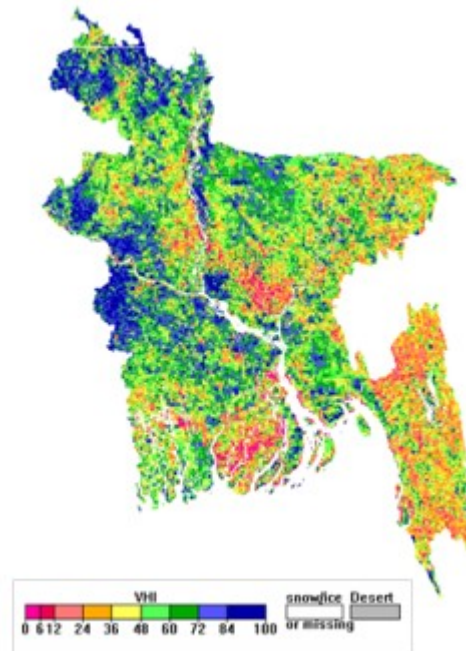
NOAA/ AVHRR BLENDED VCI composite for the week No. 8 (19 February-25 February) over Agricultural regions of Bangladesh



NOAA/ AVHRR BLENDED TCI composite for the week No. 8 (19 February-25 February) over Agricultural regions of Bangladesh



NOAA/ AVHRR BLENDED VHI composite for the week No. 8 (19 February-25 February) over Agricultural regions of Bangladesh



Agromet Advisories

According to the medium range forecast, there is a possibility of light rain in the Sylhet district of the country in the next five days. The following agromet advisories are provided in these circumstances:

Rajshahi Region (Districts: Rajshahi, Chapainawabganj, Naogaon and Natore)

Wheat

- **Stage:** Maturity to Harvesting
- Start harvesting of fully matured crop.
- After harvesting, threshing & drying wheat grains should be stored at 12% level moisture.

Rice Boro

- **Stage:** Tillering
- Keep the field and irrigation channel weed free. Weeding should be done before application of fertilizer and mixed the fertilizer with soil. Hand weeding or weedicides (viz. Rifit 500EC, Superhit 500 EC. etc. @ 134 ml/bigha) may be used for weed control.
- Apply urea 13 kg/bigha as first top dressing after 15-20 days of transplanting (4-5 tillers/hill).
- There is a chance of attack of insect/pests like, Rice stemborer, Rice hispa, etc. Constant monitoring is required for its level of incidences.
- If noticed, collect the adults using hand net & destroy them by burying under soil or by burning.
- To captivate & control the butterflies, place 2 Pheromone Traps/bigha. Also apply Carbofuran 5g @10kg / ha. or Diazinon 10g @17kg/ha. for its control.
- There is chance of Blast and brown spot attack due to light fog and raised temperature. Apply Trooper 6.0g or Nativo 6.0g/litre water twice in 10-15 days.
- Maintain 5-7 cm land water level.
- Apply irrigation.
- Present weather condition is congenial for **Gall midge** infestation. Apply Carbofuran@10kg per ha.

Vegetable

- During this time and weather condition, stem and fruit borer in brinjal crop is expected. For management, it is advised to install 40 Pheromone traps per acre.
- Under present weather condition, there is chance of blight disease in tomato and brinjal which are at fruiting stage. Apply Antibac 10 SP (Streptomycin Sulphate 9% + tetracycline Hydrochloride 1%) @ 0.5g/liter of water.
- Avoid moisture stress conditions to the crops which are at flowering to fruiting stage.
- Because of increase in temperature, there is chance of sucking pest in vegetable crops. To control, application of Malathion 57EC/Dimathoate 40EC @ 1.0ml per litre of water is advised once a week.

- Apply Irrigation.

Horticultural

- Prevailing weather conditions are favorable for black headed caterpillar incidence in coconut. In case of a severe attack, Remove and burn all affected leaves/leaflets. Then spray with Chlorpyrephos 20EC @2.0ml/Litre or Malathion 50EC @ 2.0ml/liter at both surface of the fronds to control the insect.
- Apply coir compost to conserve moisture in banana.
- Prevailing weather conditions are favorable for canker disease incidence in citrus. To control, spray of Streptomycin sulphate 500-1000 ppm or Phytomycin 2500 ppm or Copper oxychloride 0.2% at fortnight intervals is advised.
- To avoid fruit fall incidences in mango crop under unfavourable weather conditions, it is advised to spray Planofix/Litose/Calbor Plant growth regulator (PGR)@2.0 ml/liter water.
- Wherever flowering is delayed in mango due to unfavourable weather, farmers are advised to spray potassium nitrate 10 g and Urea 5 g per liter of water to enhance the flowering.
- Apply Irrigation.

Livestock

- Give PPR Vaccine to the goat and sheep if required.
- Use naphthalene or turpentine oil to reduce mosquitoes.
- To protect from mosquitoes, use coils or a net with caution.
- Take prompt action if skin disease is found.
- Keep the cowshed neat and clean.
- Give enough water to drink.

Poultry

- Provide duck plague vaccination for ducks.
- Vaccinate against chickenpox and cholera disease.
- Remove affected poultry if disease occurs.
- Use clean water or glucose saline in more heat.
- Keep the poultry shed clean and dry.

Fishery

- According to quantity, give quality food at a specific time every day.
- Stocking large-sized fry leads to higher productivity.
- Stock the specific number and size of the fry.
- Apply 40-50 gm/ per decimal MOP fertilizer if required.
- Apply Urea (150-200 gm), TSP (75-100gm) per decimal.
- Apply fertilizer 3/4 days after application of lime.
- Apply 1 kg lime per decimal for preparing the pond.
- Keep pond depth of 1-1.5 m.

Jute

- Land is to be ploughed and laddered 5-6 times to obtain a fine seed bed. In termite and cricket infested fields, the soil is to be treated with malathion 5% dust @ 30 kg/ha.

Rice Boro

- **Stage:** Flowering
- Arrange proper solarisation within the row by stirring the plants after each 2 rows.
- There is chance of attack of insect/pests like, Rice stemborer, Rice hispa, Rice Earcutting caterpillar, Rice bug, etc. Constant monitoring is required for its level of incidences. Spray Carbaryl (85 WP)@2g/liter of water or Chlorpyrephos (20EC) @ 2.0 ml/litre of water.
- There is a chance of attack of Brown planthopper at this stage. If noticed apply insecticide like Isoprocarb @ 2.5g or Imidacloprid @ 2.0 ml. per litre water.
- Keep the field and irrigation channel weed free.
- Maintain 2-5 cm land water level.
- Apply irrigation.
- Present weather condition is congenial for **Gall midge** infestation. Apply Carbofuran@10kg per ha.

Vegetable

- During this time and weather condition, stem and fruit borer in brinjal crop is expected. For management, it is advised to install 40 Pheromone traps per acre.
- Under present weather condition, there is chance of blight disease in tomato and brinjal which are at fruiting stage. Apply Antibac 10 SP (Streptomycin Sulphate 9% + tetracycline Hydrochloride 1%) @ 0.5g/liter of water.
- Avoid moisture stress conditions to the crops which are at flowering to fruiting stage.
- Apply Irrigation.

Horticultural

- Prevailing weather conditions are favorable for black headed caterpillar incidence in coconut. In case of a severe attack, Remove and burn all affected leaves/leaflets. Then spray with Chlorpyrephos 20EC @2.0ml/Litre or Malathion 50EC @ 2.0ml/liter at both surface of the fronds to control the insect.
- Apply coir compost to conserve moisture in banana.
- Prevailing weather conditions are favorable for canker disease incidence in citrus. To control, spray of Streptomycin sulphate 500-1000 ppm or Phytomycin 2500 ppm or Copper oxychloride 0.2% at fortnight intervals is advised.
- To avoid fruit fall incidences in mango crop under unfavourable weather conditions, it is advised to spray Planofix/Litose/Calbor Plant growth regulator (PGR)@2.0 ml/liter water.
- Wherever flowering is delayed in mango due to unfavourable weather, farmers are advised to spray potassium nitrate 10 g and Urea 5 g per liter of water to enhance the flowering.

- Apply Irrigation.

Livestock

- Give PPR Vaccine to the goat and sheep if required.
- Use naphthalene or turpentine oil to reduce mosquitoes.
- To protect from mosquitoes, use coils or a net with caution.
- Take prompt action if skin disease is found.
- Keep the cowshed neat and clean.
- Give enough water to drink.

Poultry

- Provide duck plague vaccination for ducks.
- Vaccinate against chickenpox and cholera disease.
- Remove affected poultry if disease occurs.
- Use clean water or glucose saline in more heat.
- Keep the poultry shed clean and dry.

Fishery

- According to quantity, give quality food at a specific time every day.
- Stocking large-sized fry leads to higher productivity.
- Stock the specific number and size of the fry.
- Apply 40-50 gm/ per decimal MOP fertilizer if required.
- Apply Urea (150-200 gm), TSP (75-100gm) per decimal.
- Apply fertilizer 3/4 days after application of lime.
- Apply 1 kg lime per decimal for preparing the pond.
- Keep pond depth of 1-1.5 m.

Dinajpur Region (Districts: Dinajpur, Thakurgaon and Panchagarh)

Wheat

- **Stage:** Maturity to Harvesting
- Start harvesting of fully matured crop.
- After harvesting, threshing & drying wheat grains should be stored at 12% level moisture.

Rice Boro

- **Stage:** Flowering
- Arrange proper solarisation within the row by stirring the plants after each 2 rows.
- There is chance of attack of insect/pests like, Rice stem borer, Rice hispa, Rice Earcutting caterpillar, Rice bug, etc. Constant monitoring is required for its level of incidences. Spray Carbaryl (85 WP) @ 2g/liter of water or Chlorpyrephos (20EC) @ 2.0 ml/litre of water.

- There is a chance of attack of Brown planthopper at this stage. If noticed apply insecticide like Isoprocarb @ 2.5g or Imidacloprid @ 2.0 ml. per litre water.
- Keep the field and irrigation channel weed free.
- Maintain 2-5 cm land water level.
- Apply irrigation.
- Present weather condition is congenial for **Gall midge** infestation. Apply Carbofuran@10kg per ha.

Vegetable

- During this time and weather condition, stem and fruit borer in brinjal crop is expected. For management, it is advised to install 40 Pheromone traps per acre.
- Under present weather condition, there is chance of blight disease in tomato and brinjal which are at fruiting stage. Apply Antibac 10 SP (Streptomycin Sulphate 9% + tetracycline Hydrochloride 1%) @ 0.5g/liter of water.
- Avoid moisture stress conditions to the crops which are at flowering to fruiting stage.
- Apply Irrigation.

Horticultural

- Prevailing weather conditions are favorable for black headed caterpillar incidence in coconut. In case of a severe attack, Remove and burn all affected leaves/leaflets. Then spray with Chlorpyrephos 20EC @2.0ml/Litre or Malathion 50EC @ 2.0ml/liter at both surface of the fronds to control the insect.
- Apply coir compost to conserve moisture in banana.
- Prevailing weather conditions are favorable for canker disease incidence in citrus. To control, spray of Streptomycin sulphate 500-1000 ppm or Phytomycin 2500 ppm or Copper oxychloride 0.2% at fortnight intervals is advised.
- To avoid fruit fall incidences in mango crop under unfavourable weather conditions, it is advised to spray Planofix/Litose/Calbor Plant growth regulator (PGR)@2.0 ml/liter water.
- Wherever flowering is delayed in mango due to unfavourable weather, farmers are advised to spray potassium nitrate 10 g and Urea 5 g per liter of water to enhance the flowering.
- Apply Irrigation.

Livestock

- Give PPR Vaccine to the goat and sheep if required.
- Use naphthalene or turpentine oil to reduce mosquitoes.
- To protect from mosquitoes, use coils or a net with caution.
- Take prompt action if skin disease is found.
- Keep the cowshed neat and clean.
- Give enough water to drink.

Poultry

- Provide duck plague vaccination for ducks.

- Vaccinate against chickenpox and cholera disease.
- Remove affected poultry if disease occurs.
- Use clean water or glucose saline in more heat.
- Keep the poultry shed clean and dry.

Fishery

- According to quantity, give quality food at a specific time every day.
- Stocking large-sized fry leads to higher productivity.
- Stock the specific number and size of the fry.
- Apply 40-50 gm/ per decimal MOP fertilizer if required.
- Apply Urea (150-200 gm), TSP (75-100gm) per decimal.
- Apply fertilizer 3/4 days after application of lime.
- Apply 1 kg lime per decimal for preparing the pond.
- Keep pond depth of 1-1.5 m.

Bogura Region (Districts: Bogura, Joypurhat, Pabna, Sirajganj)

Jute

- Land is to be ploughed and laddered 5-6 times to obtain a fine seed bed. In termite and cricket infested fields, the soil is to be treated with malathion 5% dust @ 30 kg/ha.

Wheat

- **Stage:** Maturity to Harvesting
- Start harvesting of fully matured crop.
- After harvesting, threshing & drying wheat grains should be stored at 12% level moisture.

Rice Boro

- **Stage:** Tillering
- Keep the field and irrigation channel weed free. Weeding should be done before application of fertilizer and mixed the fertilizer with soil. Hand weeding or weedicides (viz. Rifit 500EC, Superhit 500 EC. etc. @ 134 ml/bigha) may be used for weed control.
- Apply urea 13 kg/bigha as first top dressing after 15-20 days of transplanting (4-5 tillers/hill).
- There is a chance of attack of insect/pests like, Rice stemborer, Rice hispa, etc. Constant monitoring is required for its level of incidences.
- If noticed, collect the adults using hand net & destroy them by burying under soil or by burning.
- To captivate & control the butterflies, place 2 Pheromone Traps/bigha. Also apply Carbofuran 5g @10kg / ha. or Diazinon 10g @17kg/ha. for its control.
- There is chance of Blast and brown spot attack due to light fog and raised temperature. Apply Trooper 6.0g or Nativo 6.0g/litre water twice in 10-15 days.
- Maintain 5-7 cm land water level.

- Present weather condition is congenial for **Leaf roller/folder** infestation. It can be controlled by using Trichogramma cards.
- Present weather condition is congenial for **Gall midge** infestation. Apply Carbofuran@10kg per ha.
- Apply irrigation.

Vegetable

- During this time and weather condition, stem and fruit borer in brinjal crop is expected. For management, it is advised to install 40 Pheromone traps per acre.
- Under present weather condition, there is chance of blight disease in tomato and brinjal which are at fruiting stage. Apply Antibac 10 SP (Streptomycin Sulphate 9% + tetracycline Hydrochloride 1%) @ 0.5g/liter of water.
- Avoid moisture stress conditions to the crops which are at flowering to fruiting stage.
- Apply Irrigation.

Horticultural

- Prevailing weather conditions are favorable for black headed caterpillar incidence in coconut. In case of a severe attack, Remove and burn all affected leaves/leaflets. Then spray with Chlorpyrephos 20EC @2.0ml/Litre or Malathion 50EC @ 2.0ml/liter at both surface of the fronds to control the insect.
- Apply coir compost to conserve moisture in banana.
- Prevailing weather conditions are favorable for canker disease incidence in citrus. To control, spray of Streptomycin sulphate 500-1000 ppm or Phytomycin 2500 ppm or Copper oxychloride 0.2% at fortnight intervals is advised.
- To avoid fruit fall incidences in mango crop under unfavourable weather conditions, it is advised to spray Planofix/Litose/Calbor Plant growth regulator (PGR)@2.0 ml/liter water.
- Wherever flowering is delayed in mango due to unfavourable weather, farmers are advised to spray potassium nitrate 10 g and Urea 5 g per liter of water to enhance the flowering.
- Apply Irrigation.

Livestock

- Give PPR Vaccine to the goat and sheep if required.
- Use naphthalene or turpentine oil to reduce mosquitoes.
- To protect from mosquitoes, use coils or a net with caution.
- Take prompt action if skin disease is found.
- Keep the cowshed neat and clean.
- Give enough water to drink.

Poultry

- Provide duck plague vaccination for ducks.
- Vaccinate against chickenpox and cholera disease.
- Remove affected poultry if disease occurs.

- Use clean water or glucose saline in more heat.
- Keep the poultry shed clean and dry.

Fishery

- According to quantity, give quality food at a specific time every day.
- Stocking large-sized fry leads to higher productivity.
- Stock the specific number and size of the fry.
- Apply 40-50 gm/ per decimal MOP fertilizer if required.
- Apply Urea (150-200 gm), TSP (75-100gm) per decimal.
- Apply fertilizer 3/4 days after application of lime.
- Apply 1 kg lime per decimal for preparing the pond.
- Keep pond depth of 1-1.5 m.

Sylhet Region (Districts: Sylhet, Moulvibazar, Sunamganj, Habiganj)

Wheat

- **Stage:** Maturity to Harvesting
- Start harvesting of fully matured crop.
- After harvesting, threshing & drying wheat grains should be stored at 12% level moisture.

Rice Boro

- **Stage:** Maturity to Harvesting
- Where early transplanted paddy found 80% maturity, harvest and transfer it to a safe place immediately.
- Drain out the water from the land 15 days before harvest.

Vegetable

- During this time and weather condition, stem and fruit borer in brinjal crop is expected. For management, it is advised to install 40 Pheromone traps per acre.
- Under present weather condition, there is chance of blight disease in tomato and brinjal which are at fruiting stage. Apply Antibac 10 SP (Streptomycin Sulphate 9% + tetracycline Hydrochloride 1%) @ 0.5g/liter of water.
- Avoid moisture stress conditions to the crops which are at flowering to fruiting stage.
- Apply Irrigation.

Horticultural

- Prevailing weather conditions are favorable for black headed caterpillar incidence in coconut. In case of a severe attack, Remove and burn all affected leaves/leaflets. Then spray with Chlorpyrephos 20EC @2.0ml/Litre or Malathion 50EC @ 2.0ml/liter at both surface of the fronds to control the insect.
- Apply coir compost to conserve moisture in banana.

- Prevailing weather conditions are favorable for canker disease incidence in citrus. To control, spray of Streptomycin sulphate 500-1000 ppm or Phytomycin 2500 ppm or Copper oxychloride 0.2% at fortnight intervals is advised.
- To avoid fruit fall incidences in mango crop under unfavourable weather conditions, it is advised to spray Planofix/Litose/Calbor Plant growth regulator (PGR)@2.0 ml/liter water.
- Wherever flowering is delayed in mango due to unfavourable weather, farmers are advised to spray potassium nitrate 10 g and Urea 5 g per liter of water to enhance the flowering.
- Apply Irrigation.

Mustard

- **Stage:** Pod initiation
- Occurrence of sawfly may be seen in the mustard crops under the present environment conditions. To control this pest spray Chlorpyrifos 20 EC @ 5 ml/litre of water on fair weather.
- The present weather condition is favorable for the incidence of powdery mildew in mustard. Spray of Carbendazim 12% + Mancozeb 62% @ 2g /litre of water is advised.
- Go for intercultural operations.
- Apply light irrigation.

Livestock

- Give PPR Vaccine to the goat and sheep if required.
- Use naphthalene or turpentine oil to reduce mosquitoes.
- To protect from mosquitoes, use coils or a net with caution.
- Take prompt action if skin disease is found.
- Keep the cowshed neat and clean.
- Give enough water to drink.

Poultry

- Provide duck plague vaccination for ducks.
- Vaccinate against chickenpox and cholera disease.
- Remove affected poultry if disease occurs.
- Use clean water or glucose saline in more heat.
- Keep the poultry shed clean and dry.

Fishery

- According to quantity, give quality food at a specific time every day.
- Stocking large-sized fry leads to higher productivity.
- Stock the specific number and size of the fry.
- Apply 40-50 gm/ per decimal MOP fertilizer if required.
- Apply Urea (150-200 gm), TSP (75-100gm) per decimal.
- Apply fertilizer 3/4 days after application of lime.
- Apply 1 kg lime per decimal for preparing the pond.

- Keep pond depth of 1-1.5 m.

Rangamati Region (Districts: Rangamati, Khagrachari and Bandarban)

Rice Boro

- **Stage:** Flowering
- Arrange proper solarisation within the row by stirring the plants after each 2 rows.
- There is chance of attack of insect/pests like, Rice stemborer, Rice hispa, Rice Earcutting caterpillar, Rice bug, etc. Constant monitoring is required for its level of incidences. Spray Carbaryl (85 WP) @ 2g/liter of water or Chlorpyrephos (20EC) @ 2.0 ml/litre of water.
- There is a chance of attack of Brown planthopper at this stage. If noticed apply insecticide like Isoprocarb @ 2.5g or Imidacloprid @ 2.0 ml. per litre water.
- Keep the field and irrigation channel weed free.
- Maintain 2-5 cm land water level.
- Present weather condition is congenial for **Gall midge** infestation. Apply Carbofuran @ 10kg per ha.
- Apply irrigation.

Vegetable

- During this time and weather condition, stem and fruit borer in brinjal crop is expected. For management, it is advised to install 40 Pheromone traps per acre.
- Under present weather condition, there is chance of blight disease in tomato and brinjal which are at fruiting stage. Apply Antibac 10 SP (Streptomycin Sulphate 9% + tetracycline Hydrochloride 1%) @ 0.5g/liter of water.
- Avoid moisture stress conditions to the crops which are at flowering to fruiting stage.
- Apply Irrigation.

Horticultural

- Prevailing weather conditions are favorable for black headed caterpillar incidence in coconut. In case of a severe attack, Remove and burn all affected leaves/leaflets. Then spray with Chlorpyrephos 20EC @ 2.0ml/Litre or Malathion 50EC @ 2.0ml/liter at both surface of the fronds to control the insect.
- Apply coir compost to conserve moisture in banana.
- Prevailing weather conditions are favorable for canker disease incidence in citrus. To control, spray of Streptomycin sulphate 500-1000 ppm or Phytomycin 2500 ppm or Copper oxychloride 0.2% at fortnight intervals is advised.
- To avoid fruit fall incidences in mango crop under unfavourable weather conditions, it is advised to spray Planofix/Litose/Calbor Plant growth regulator (PGR) @ 2.0 ml/liter water.
- Wherever flowering is delayed in mango due to unfavourable weather, farmers are advised to spray potassium nitrate 10 g and Urea 5 g per liter of water to enhance the flowering.
- Apply Irrigation.

Livestock

- Give PPR Vaccine to the goat and sheep if required.
- Use naphthalene or turpentine oil to reduce mosquitoes.
- To protect from mosquitoes, use coils or a net with caution.
- Take prompt action if skin disease is found.
- Keep the cowshed neat and clean.
- Give enough water to drink.

Poultry

- Provide duck plague vaccination for ducks.
- Vaccinate against chickenpox and cholera disease.
- Remove affected poultry if disease occurs.
- Use clean water or glucose saline in more heat.
- Keep the poultry shed clean and dry.

Fishery

- According to quantity, give quality food at a specific time every day.
- Stocking large-sized fry leads to higher productivity.
- Stock the specific number and size of the fry.
- Apply 40-50 gm/ per decimal MOP fertilizer if required.
- Apply Urea (150-200 gm), TSP (75-100gm) per decimal.
- Apply fertilizer 3/4 days after application of lime.
- Apply 1 kg lime per decimal for preparing the pond.
- Keep pond depth of 1-1.5 m.

Barishal Region (Districts: Jhalakati, Patuakhali, Pirujpur, Barguna, Barishal, Bhola)

Jute

- Land is to be ploughed and laddered 5-6 times to obtain a fine seed bed. In termite and cricket infested fields, the soil is to be treated with malathion 5% dust @ 30 kg/ha.

Wheat

- **Stage:** Maturity to Harvesting
- Start harvesting of fully matured crop.
- After harvesting, threshing & drying wheat grains should be stored at 12% level moisture.

Rice Boro

- **Stage:** Flowering
- Arrange proper solarisation within the row by stirring the plants after each 2 rows.

- There is chance of attack of insect/pests like, Rice stem borer, Rice hispa, Rice Earcutting caterpillar, Rice bug, etc. Constant monitoring is required for its level of incidences. Spray Carbaryl (85 WP) @ 2g/liter of water or Chlorpyrephos (20EC) @ 2.0 ml/litre of water.
- There is a chance of attack of Brown planthopper at this stage. If noticed apply insecticide like Isoprocarb @ 2.5g or Imidacloprid @ 2.0 ml. per litre water.
- Keep the field and irrigation channel weed free.
- Maintain 2-5 cm land water level.
- Apply irrigation.

Vegetable

- During this time and weather condition, stem and fruit borer in brinjal crop is expected. For management, it is advised to install 40 Pheromone traps per acre.
- Under present weather condition, there is chance of blight disease in tomato and brinjal which are at fruiting stage. Apply Antibac 10 SP (Streptomycin Sulphate 9% + tetracycline Hydrochloride 1%) @ 0.5g/liter of water.
- Avoid moisture stress conditions to the crops which are at flowering to fruiting stage.
- Because of increase in temperature, there is chance of sucking pest in vegetable crops. To control, application of Malathion 57EC/Dimathoate 40EC @ 1.0ml per litre of water is advised once a week.
- Apply Irrigation.

Horticultural

- Prevailing weather conditions are favorable for black headed caterpillar incidence in coconut. In case of a severe attack, Remove and burn all affected leaves/leaflets. Then spray with Chlorpyrephos 20EC @ 2.0ml/Litre or Malathion 50EC @ 2.0ml/liter at both surface of the fronds to control the insect.
- Apply coir compost to conserve moisture in banana.
- Prevailing weather conditions are favorable for canker disease incidence in citrus. To control, spray of Streptomycin sulphate 500-1000 ppm or Phytomycin 2500 ppm or Copper oxychloride 0.2% at fortnight intervals is advised.
- To avoid fruit fall incidences in mango crop under unfavourable weather conditions, it is advised to spray Planofix/Litose/Calbor Plant growth regulator (PGR) @ 2.0 ml/liter water.
- Wherever flowering is delayed in mango due to unfavourable weather, farmers are advised to spray potassium nitrate 10 g and Urea 5 g per liter of water to enhance the flowering.
- Apply Irrigation.

Mustard

- **Stage:** Pod initiation
- Occurrence of sawfly may be seen in the mustard crops under the present environment conditions. To control this pest spray Chlorpyriphos 20 EC @ 5 ml/litre of water on fair weather.
- The present weather condition is favorable for the incidence of powdery mildew in mustard. Spray of Carbendazim 12% + Mancozeb 62% @ 2g /litre of water is advised.

- Go for intercultural operations.
- Apply light irrigation.

Livestock

- Give PPR Vaccine to the goat and sheep if required.
- Use naphthalene or turpentine oil to reduce mosquitoes.
- To protect from mosquitoes, use coils or a net with caution.
- Take prompt action if skin disease is found.
- Keep the cowshed neat and clean.
- Give enough water to drink.

Poultry

- Provide duck plague vaccination for ducks.
- Vaccinate against chickenpox and cholera disease.
- Remove affected poultry if disease occurs.
- Use clean water or glucose saline in more heat.
- Keep the poultry shed clean and dry.

Fishery

- According to quantity, give quality food at a specific time every day.
- Stocking large-sized fry leads to higher productivity.
- Stock the specific number and size of the fry.
- Apply 40-50 gm/ per decimal MOP fertilizer if required.
- Apply Urea (150-200 gm), TSP (75-100gm) per decimal.
- Apply fertilizer 3/4 days after application of lime.
- Apply 1 kg lime per decimal for preparing the pond.
- Keep pond depth of 1-1.5 m.

Jashore Region (Districts: Jashore, Kushtia, Chuadanga, Jhenaidah, Meherpur, Magura)

Wheat

- **Stage:** Maturity to Harvesting
- Start harvesting of fully matured crop.
- After harvesting, threshing & drying wheat grains should be stored at 12% level moisture.

Rice Boro

- **Stage:** Transplanting

- The main field should be prepared for transplanting of boro paddy with 3-4 times ploughing followed by laddering and Leveling should be done properly to retain water uniformity.
- Apply 13 kg urea (1/3 of total urea) as first basal dose and also 13 kg TSP, 20 kg MOP, 15kg gypsum and 15 kg zinc per bigha after complete preparation of field.
- The basal fertilizer dose may vary location to location based on land type and soil texture.
- In char area, 2/3 MoP(14.0 kg/bigha) to be applied with basal dose and rest 1/3 MoP with last top dress of urea.
- Seedlings of 35 to 45 days old are to be transplanted.
- Maintain a distance of 20-25cm line to line & 15-20cm plant to plant.
- Place at least one branched bamboo twig at each 2-2.5 decimal land as piercing.
- Dead hills are to be replanted within 7-10 days of transplanting.
- Maintain thin a layer of water (1 - 2 cm) in the main field up to 15 days after transplanting.
- Maintain 5-7 cm land water level.
- Present weather condition is congenial for **Gall midge** infestation. Apply Carbofuran@10kg per ha.
- Apply irrigation.

Vegetable

- During this time and weather condition, stem and fruit borer in brinjal crop is expected. For management, it is advised to install 40 Pheromone traps per acre.
- Under present weather condition, there is chance of blight disease in tomato and brinjal which are at fruiting stage. Apply Antibac 10 SP (Streptomycin Sulphate 9% + tetracycline Hydrochloride 1%) @ 0.5g/liter of water.
- Avoid moisture stress conditions to the crops which are at flowering to fruiting stage.
- Because of increase in temperature, there is chance of sucking pest in vegetable crops. To control, application of Malathion 57EC/Dimathoate 40EC @ 1.0ml per litre of water is advised once a week.
- Apply Irrigation.

Horticultural

- Prevailing weather conditions are favorable for black headed caterpillar incidence in coconut. In case of a severe attack, Remove and burn all affected leaves/leaflets. Then spray with Chlorpyrephos 20EC @2.0ml/Litre or Malathion 50EC @ 2.0ml/liter at both surface of the fronds to control the insect.
- Apply coir compost to conserve moisture in banana.
- Prevailing weather conditions are favorable for canker disease incidence in citrus. To control, spray of Streptomycin sulphate 500-1000 ppm or Phytomycin 2500 ppm or Copper oxychloride 0.2% at fortnight intervals is advised.
- To avoid fruit fall incidences in mango crop under unfavourable weather conditions, it is advised to spray Planofix/Litose/Calbor Plant growth regulator (PGR)@2.0 ml/liter water.
- Wherever flowering is delayed in mango due to unfavourable weather, farmers are advised to spray potassium nitrate 10 g and Urea 5 g per liter of water to enhance the flowering.

- Apply Irrigation.

Livestock

- Give PPR Vaccine to the goat and sheep if required.
- Use naphthalene or turpentine oil to reduce mosquitoes.
- To protect from mosquitoes, use coils or a net with caution.
- Take prompt action if skin disease is found.
- Keep the cowshed neat and clean.
- Give enough water to drink.

Poultry

- Provide duck plague vaccination for ducks.
- Vaccinate against chickenpox and cholera disease.
- Remove affected poultry if disease occurs.
- Use clean water or glucose saline in more heat.
- Keep the poultry shed clean and dry.

Fishery

- According to quantity, give quality food at a specific time every day.
- Stocking large-sized fry leads to higher productivity.
- Stock the specific number and size of the fry.
- Apply 40-50 gm/ per decimal MOP fertilizer if required.
- Apply Urea (150-200 gm), TSP (75-100gm) per decimal.
- Apply fertilizer 3/4 days after application of lime.
- Apply 1 kg lime per decimal for preparing the pond.
- Keep pond depth of 1-1.5 m.

Faridpur Region (Districts: Faridpur, Rajbari, Madaripur, Shariatpur and Gopalganj)

Jute

- Land is to be ploughed and laddered 5-6 times to obtain a fine seed bed. In termite and cricket infested fields, the soil is to be treated with malathion 5% dust @ 30 kg/ha.

Rice Boro

- **Stage:** Maturity to Harvesting
- Where early transplanted paddy found 80% maturity, harvest and transfer it to a safe place immediately.
- Drain out the water from the land 15 days before harvest.

Vegetable

- During this time and weather condition, stem and fruit borer in brinjal crop is expected. For management, it is advised to install 40 Pheromone traps per acre.
- Under present weather condition, there is chance of blight disease in tomato and brinjal which are at fruiting stage. Apply Antibac 10 SP (Streptomycin Sulphate 9% + tetracycline Hydrochloride 1%) @ 0.5g/liter of water.
- Avoid moisture stress conditions to the crops which are at flowering to fruiting stage.
- Because of increase in temperature, there is chance of sucking pest in vegetable crops. To control, application of Malathion 57EC/Dimathoate 40EC @ 1.0ml per litre of water is advised once a week.
- Apply Irrigation.

Horticultural

- Prevailing weather conditions are favorable for black headed caterpillar incidence in coconut. In case of a severe attack, Remove and burn all affected leaves/leaflets. Then spray with Chlorpyrephos 20EC @2.0ml/Litre or Malathion 50EC @ 2.0ml/liter at both surface of the fronds to control the insect.
- Apply coir compost to conserve moisture in banana.
- Prevailing weather conditions are favorable for canker disease incidence in citrus. To control, spray of Streptomycin sulphate 500-1000 ppm or Phytomycin 2500 ppm or Copper oxychloride 0.2% at fortnight intervals is advised.
- To avoid fruit fall incidences in mango crop under unfavourable weather conditions, it is advised to spray Planofix/Litose/Calbor Plant growth regulator (PGR)@2.0 ml/liter water.
- Wherever flowering is delayed in mango due to unfavourable weather, farmers are advised to spray potassium nitrate 10 g and Urea 5 g per liter of water to enhance the flowering.
- Apply Irrigation.

Livestock

- Give PPR Vaccine to the goat and sheep if required.
- Use naphthalene or turpentine oil to reduce mosquitoes.
- To protect from mosquitoes, use coils or a net with caution.
- Take prompt action if skin disease is found.
- Keep the cowshed neat and clean.
- Give enough water to drink.

Poultry

- Provide duck plague vaccination for ducks.
- Vaccinate against chickenpox and cholera disease.
- Remove affected poultry if disease occurs.
- Use clean water or glucose saline in more heat.
- Keep the poultry shed clean and dry.

Fishery

- According to quantity, give quality food at a specific time every day.
- Stocking large-sized fry leads to higher productivity.
- Stock the specific number and size of the fry.
- Apply 40-50 gm/ per decimal MOP fertilizer if required.
- Apply Urea (150-200 gm), TSP (75-100gm) per decimal.
- Apply fertilizer 3/4 days after application of lime.
- Apply 1 kg lime per decimal for preparing the pond.
- Keep pond depth of 1-1.5 m.

Dhaka Region (Districts: Dhaka, Tangail, Gazipur, Narsingdi, Narayanganj, Munshiganj, Manikgonj)

Jute

- Land is to be ploughed and laddered 5-6 times to obtain a fine seed bed. In termite and cricket infested fields, the soil is to be treated with malathion 5% dust @ 30 kg/ha.

Rice Boro

- **Stage:** Maturity to Harvesting
- Where early transplanted paddy found 80% maturity, harvest and transfer it to a safe place immediately.
- Drain out the water from the land 15 days before harvest.

Vegetable

- During this time and weather condition, stem and fruit borer in brinjal crop is expected. For management, it is advised to install 40 Pheromone traps per acre.
- Under present weather condition, there is chance of blight disease in tomato and brinjal which are at fruiting stage. Apply Antibac 10 SP (Streptomycin Sulphate 9% + tetracycline Hydrochloride 1%) @ 0.5g/liter of water.
- Avoid moisture stress conditions to the crops which are at flowering to fruiting stage.
- Because of increase in temperature, there is chance of sucking pest in vegetable crops. To control, application of Malathion 57EC/Dimathoate 40EC @ 1.0ml per litre of water is advised once a week.
- Apply Irrigation.

Horticultural

- Prevailing weather conditions are favorable for black headed caterpillar incidence in coconut. In case of a severe attack, Remove and burn all affected leaves/leaflets. Then spray with Chlorpyrephos 20EC @2.0ml/Litre or Malathion 50EC @ 2.0ml/liter at both surface of the fronds to control the insect.
- Apply coir compost to conserve moisture in banana.

- Prevailing weather conditions are favorable for canker disease incidence in citrus. To control, spray of Streptomycin sulphate 500-1000 ppm or Phytomycin 2500 ppm or Copper oxychloride 0.2% at fortnight intervals is advised.
- To avoid fruit fall incidences in mango crop under unfavourable weather conditions, it is advised to spray Planofix/Litose/Calbor Plant growth regulator (PGR)@2.0 ml/liter water.
- Wherever flowering is delayed in mango due to unfavourable weather, farmers are advised to spray potassium nitrate 10 g and Urea 5 g per liter of water to enhance the flowering.
- Apply Irrigation.

Livestock

- Give PPR Vaccine to the goat and sheep if required.
- Use naphthalene or turpentine oil to reduce mosquitoes.
- To protect from mosquitoes, use coils or a net with caution.
- Take prompt action if skin disease is found.
- Keep the cowshed neat and clean.
- Give enough water to drink.

Poultry

- Provide duck plague vaccination for ducks.
- Vaccinate against chickenpox and cholera disease.
- Remove affected poultry if disease occurs.
- Use clean water or glucose saline in more heat.
- Keep the poultry shed clean and dry.

Fishery

- According to quantity, give quality food at a specific time every day.
- Stocking large-sized fry leads to higher productivity.
- Stock the specific number and size of the fry.
- Apply 40-50 gm/ per decimal MOP fertilizer if required.
- Apply Urea (150-200 gm), TSP (75-100gm) per decimal.
- Apply fertilizer 3/4 days after application of lime.
- Apply 1 kg lime per decimal for preparing the pond.
- Keep pond depth of 1-1.5 m.

Chattogram region (Districts: Chattogram, Lakshmipur, Coxsbazar, Noakhali and Feni)

Rice Boro

- **Stage:** Flowering
- Arrange proper solarisation within the row by stirring the plants after each 2 rows.
- There is chance of attack of insect/pests like, Rice stemborer, Rice hispa, Rice Earcutting caterpillar, Rice bug, etc. Constant monitoring is required for its level of incidences. Spray Carbaryl (85 WP)@2g/liter of water or Chlorpyrephos (20EC) @ 2.0 ml/litre of water.

- There is a chance of attack of Brown planthopper at this stage. If noticed apply insecticide like Isoprocarb @ 2.5g or Imidacloprid @ 2.0 ml. per litre water.
- Keep the field and irrigation channel weed free.
- Maintain 2-5 cm land water level.
- Apply irrigation.

Vegetable

- During this time and weather condition, stem and fruit borer in brinjal crop is expected. For management, it is advised to install 40 Pheromone traps per acre.
- Under present weather condition, there is chance of blight disease in tomato and brinjal which are at fruiting stage. Apply Antibac 10 SP (Streptomycin Sulphate 9% + tetracycline Hydrochloride 1%) @ 0.5g/liter of water.
- Avoid moisture stress conditions to the crops which are at flowering to fruiting stage.
- Apply Irrigation.

Horticultural

- Prevailing weather conditions are favorable for black headed caterpillar incidence in coconut. In case of a severe attack, Remove and burn all affected leaves/leaflets. Then spray with Chlorpyrephos 20EC @2.0ml/Litre or Malathion 50EC @ 2.0ml/liter at both surface of the fronds to control the insect.
- Apply coir compost to conserve moisture in banana.
- Prevailing weather conditions are favorable for canker disease incidence in citrus. To control, spray of Streptomycin sulphate 500-1000 ppm or Phytomycin 2500 ppm or Copper oxychloride 0.2% at fortnight intervals is advised.
- To avoid fruit fall incidences in mango crop under unfavourable weather conditions, it is advised to spray Planofix/Litose/Calbor Plant growth regulator (PGR)@2.0 ml/liter water.
- Wherever flowering is delayed in mango due to unfavourable weather, farmers are advised to spray potassium nitrate 10 g and Urea 5 g per liter of water to enhance the flowering.
- Apply Irrigation.

Mustard

- **Stage:** Pod initiation
- Occurrence of sawfly may be seen in the mustard crops under the present environment conditions. To control this pest spray Chlorpyriphos 20 EC @ 5 ml/litre of water on fair weather.
- The present weather condition is favorable for the incidence of powdery mildew in mustard. Spray of Carbendazim 12% + Mancozeb 62% @ 2g /litre of water is advised.
- Go for intercultural operations.
- Apply light irrigation.

Livestock

- Give PPR Vaccine to the goat and sheep if required.

- Use naphthalene or turpentine oil to reduce mosquitoes.
- To protect from mosquitoes, use coils or a net with caution.
- Take prompt action if skin disease is found.
- Keep the cowshed neat and clean.
- Give enough water to drink.

Poultry

- Provide duck plague vaccination for ducks.
- Vaccinate against chickenpox and cholera disease.
- Remove affected poultry if disease occurs.
- Use clean water or glucose saline in more heat.
- Keep the poultry shed clean and dry.

Fishery

- According to quantity, give quality food at a specific time every day.
- Stocking large-sized fry leads to higher productivity.
- Stock the specific number and size of the fry.
- Apply 40-50 gm/ per decimal MOP fertilizer if required.
- Apply Urea (150-200 gm), TSP (75-100gm) per decimal.
- Apply fertilizer 3/4 days after application of lime.
- Apply 1 kg lime per decimal for preparing the pond.
- Keep pond depth of 1-1.5 m.

Cumilla Region (Districts: Cumilla, Chandpur, Bramanbaria)

Jute

- Land is to be ploughed and laddered 5-6 times to obtain a fine seed bed. In termite and cricket infested fields, the soil is to be treated with malathion 5% dust @ 30 kg/ha.

Wheat

- **Stage:** Grain Formation
- Special monitoring of blast disease is required as there is chance of the disease due to likely incidence of fog during late night till morning. If noticed, apply Nativo 75 WG 6 gm/decimal to control the disease.
- At this stage of crop and prevailing weather conditions, monitoring of termite infestation is advised in late sown wheat crop. If termite infestation is observed in the crop field, apply Chlorpyriphos 20EC @ 4.0 ml/litre in the soil at evening hours.
- Apply irrigation.

Rice Boro

- **Stage:** Maturity to Harvesting

- Where early transplanted paddy found 80% maturity, harvest and transfer it to a safe place immediately.
- Complete harvesting as early as possible.
- Drain out the water from the land 15 days before harvest.

Vegetable

- During this time and weather condition, stem and fruit borer in brinjal crop is expected. For management, it is advised to install 40 Pheromone traps per acre.
- Under present weather condition, there is chance of blight disease in tomato and brinjal which are at fruiting stage. Apply Antibac 10 SP (Streptomycin Sulphate 9% + tetracycline Hydrochloride 1%) @ 0.5g/liter of water.
- Avoid moisture stress conditions to the crops which are at flowering to fruiting stage.
- Because of increase in temperature, there is chance of sucking pest in vegetable crops. To control, application of Malathion 57EC/Dimathoate 40EC @ 1.0ml per litre of water is advised once a week.
- Apply Irrigation.

Horticultural

- Prevailing weather conditions are favorable for black headed caterpillar incidence in coconut. In case of a severe attack, Remove and burn all affected leaves/leaflets. Then spray with Chlorpyrephos 20EC @2.0ml/Litre or Malathion 50EC @ 2.0ml/liter at both surface of the fronds to control the insect.
- Apply coir compost to conserve moisture in banana.
- Prevailing weather conditions are favorable for canker disease incidence in citrus. To control, spray of Streptomycin sulphate 500-1000 ppm or Phytomycin 2500 ppm or Copper oxychloride 0.2% at fortnight intervals is advised.
- To avoid fruit fall incidences in mango crop under unfavourable weather conditions, it is advised to spray Planofix/Litose/Calbor Plant growth regulator (PGR)@2.0 ml/liter water.
- Wherever flowering is delayed in mango due to unfavourable weather, farmers are advised to spray potassium nitrate 10 g and Urea 5 g per liter of water to enhance the flowering.
- Apply Irrigation.

Livestock

- Give PPR Vaccine to the goat and sheep if required.
- Use naphthalene or turpentine oil to reduce mosquitoes.
- To protect from mosquitoes, use coils or a net with caution.
- Take prompt action if skin disease is found.
- Keep the cowshed neat and clean.
- Give enough water to drink.

Poultry

- Provide duck plague vaccination for ducks.

- Vaccinate against chickenpox and cholera disease.
- Remove affected poultry if disease occurs.
- Use clean water or glucose saline in more heat.
- Keep the poultry shed clean and dry.

Fishery

- According to quantity, give quality food at a specific time every day.
- Stocking large-sized fry leads to higher productivity.
- Stock the specific number and size of the fry.
- Apply 40-50 gm/ per decimal MOP fertilizer if required.
- Apply Urea (150-200 gm), TSP (75-100gm) per decimal.
- Apply fertilizer 3/4 days after application of lime.
- Apply 1 kg lime per decimal for preparing the pond.
- Keep pond depth of 1-1.5 m.

Khulna Region (Districts: Khulna, Satkhira, Bagerhat and Narail)

Wheat

- **Stage:** Maturity to Harvesting
- Start harvesting of fully matured crop.
- After harvesting, threshing & drying wheat grains should be stored at 12% level moisture.

Rice Boro

- **Stage:** Transplanting
- The main field should be prepared for transplanting of boro paddy with 3-4 times ploughing followed by laddering and Leveling should be done properly to retain water uniformity.
- Apply 13 kg urea (1/3 of total urea) as first basal dose and also 13 kg TSP, 20 kg MOP, 15kg gypsum and 15 kg zinc per bigha after complete preparation of field.
- The basal fertilizer dose may vary location to location based on land type and soil texture.
- In char area, 2/3 MoP(14.0 kg/bigha) to be applied with basal dose and rest 1/3 MoP with last top dress of urea.
- Seedlings of 35 to 45 days old are to be transplanted.
- Maintain a distance of 20-25cm line to line & 15-20cm plant to plant.
- Place at least one branched bamboo twig at each 2-2.5 decimal land as piercing.
- Dead hills are to be replanted within 7-10 days of transplanting.
- Maintain thin a layer of water (1 - 2 cm) in the main field up to 15 days after transplanting.
- Maintain 5-7 cm land water level.
- Apply irrigation.

Vegetable

- During this time and weather condition, stem and fruit borer in brinjal crop is expected. For management, it is advised to install 40 Pheromone traps per acre.
- Under present weather condition, there is chance of blight disease in tomato and brinjal which are at fruiting stage. Apply Antibac 10 SP (Streptomycin Sulphate 9% + tetracycline Hydrochloride 1%) @ 0.5g/liter of water.
- Avoid moisture stress conditions to the crops which are at flowering to fruiting stage.
- Because of increase in temperature, there is chance of sucking pest in vegetable crops. To control, application of Malathion 57EC/Dimathoate 40EC @ 1.0ml per litre of water is advised once a week.
- Apply Irrigation.

Horticultural

- Prevailing weather conditions are favorable for black headed caterpillar incidence in coconut. In case of a severe attack, Remove and burn all affected leaves/leaflets. Then spray with Chlorpyrephos 20EC @2.0ml/Litre or Malathion 50EC @ 2.0ml/liter at both surface of the fronds to control the insect.
- Apply coir compost to conserve moisture in banana.
- Prevailing weather conditions are favorable for canker disease incidence in citrus. To control, spray of Streptomycin sulphate 500-1000 ppm or Phytomycin 2500 ppm or Copper oxychloride 0.2% at fortnight intervals is advised.
- To avoid fruit fall incidences in mango crop under unfavourable weather conditions, it is advised to spray Planofix/Litose/Calbor Plant growth regulator (PGR)@2.0 ml/liter water.
- Wherever flowering is delayed in mango due to unfavourable weather, farmers are advised to spray potassium nitrate 10 g and Urea 5 g per liter of water to enhance the flowering.
- Apply Irrigation.

Livestock

- Give PPR Vaccine to the goat and sheep if required.
- Use naphthalene or turpentine oil to reduce mosquitoes.
- To protect from mosquitoes, use coils or a net with caution.
- Take prompt action if skin disease is found.
- Keep the cowshed neat and clean.
- Give enough water to drink.

Poultry

- Provide duck plague vaccination for ducks.
- Vaccinate against chickenpox and cholera disease.
- Remove affected poultry if disease occurs.
- Use clean water or glucose saline in more heat.
- Keep the poultry shed clean and dry.

Fishery

- According to quantity, give quality food at a specific time every day.
- Stocking large-sized fry leads to higher productivity.
- Stock the specific number and size of the fry.
- Apply 40-50 gm/ per decimal MOP fertilizer if required.
- Apply Urea (150-200 gm), TSP (75-100gm) per decimal.
- Apply fertilizer 3/4 days after application of lime.
- Apply 1 kg lime per decimal for preparing the pond.
- Keep pond depth of 1-1.5 m.

Mymensingh Region (Districts: Mymensingh, Kishoregonj, Jamalpur, Netrokona, Sherpur)

Jute

- Land is to be ploughed and laddered 5-6 times to obtain a fine seed bed. In termite and cricket infested fields, the soil is to be treated with malathion 5% dust @ 30 kg/ha.

Rice Boro

- **Stage:** Flowering
- Arrange proper solarisation within the row by stirring the plants after each 2 rows.
- There is chance of attack of insect/pests like, Rice stemborer, Rice hispa, Rice Earcutting caterpillar, Rice bug, etc. Constant monitoring is required for its level of incidences. Spray Carbaryl (85 WP)@2g/liter of water or Chlorpyrephos (20EC) @ 2.0 ml/litre of water.
- There is a chance of attack of Brown planthopper at this stage. If noticed apply insecticide like Isoprocarb @ 2.5g or Imidacloprid @ 2.0 ml. per litre water.
- Keep the field and irrigation channel weed free.
- Maintain 2-5 cm land water level.
- Present weather condition is congenial for **Gall midge** infestation. Apply Carbofuran@10kg per ha.
- Apply irrigation.

Vegetable

- During this time and weather condition, stem and fruit borer in brinjal crop is expected. For management, it is advised to install 40 Pheromone traps per acre.
- Under present weather condition, there is chance of blight disease in tomato and brinjal which are at fruiting stage. Apply Antibac 10 SP (Streptomycin Sulphate 9% + tetracycline Hydrochloride 1%) @ 0.5g/liter of water.
- Avoid moisture stress conditions to the crops which are at flowering to fruiting stage.
- Apply Irrigation.

Horticultural

- Prevailing weather conditions are favorable for black headed caterpillar incidence in coconut. In case of a severe attack, Remove and burn all affected leaves/leaflets. Then spray with Chlorpyrephos 20EC @2.0ml/Litre or Malathion 50EC @ 2.0ml/liter at both surface of the fronds to control the insect.
- Apply coir compost to conserve moisture in banana.
- Prevailing weather conditions are favorable for canker disease incidence in citrus. To control, spray of Streptomycin sulphate 500-1000 ppm or Phytomycin 2500 ppm or Copper oxychloride 0.2% at fortnight intervals is advised.
- To avoid fruit fall incidences in mango crop under unfavourable weather conditions, it is advised to spray Planofix/Litose/Calbor Plant growth regulator (PGR)@2.0 ml/liter water.
- Wherever flowering is delayed in mango due to unfavourable weather, farmers are advised to spray potassium nitrate 10 g and Urea 5 g per liter of water to enhance the flowering.
- Apply Irrigation.

Livestock

- Give PPR Vaccine to the goat and sheep if required.
- Use naphthalene or turpentine oil to reduce mosquitoes.
- To protect from mosquitoes, use coils or a net with caution.
- Take prompt action if skin disease is found.
- Keep the cowshed neat and clean.
- Give enough water to drink.

Poultry

- Provide duck plague vaccination for ducks.
- Vaccinate against chickenpox and cholera disease.
- Remove affected poultry if disease occurs.
- Use clean water or glucose saline in more heat.
- Keep the poultry shed clean and dry.

Fishery

- According to quantity, give quality food at a specific time every day.
- Stocking large-sized fry leads to higher productivity.
- Stock the specific number and size of the fry.
- Apply 40-50 gm/ per decimal MOP fertilizer if required.
- Apply Urea (150-200 gm), TSP (75-100gm) per decimal.
- Apply fertilizer 3/4 days after application of lime.
- Apply 1 kg lime per decimal for preparing the pond.
- Keep pond depth of 1-1.5 m.