



NATIONAL AGROMETEOROLOGICAL ADVISORY SERVICE BULLETIN

**07 December 2022 (WEDNESDAY)
[FOR THE PERIOD 07.12.2022 – 11.12.2022]**



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 07 December 2022) and maximum temperature on 06 December and minimum temperature on 07 December 2022 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	29.3	19.0	Chattogram	Chattogram	00	29.5	17.5	
	Tangail	00	28.6	16.5		Sandwip	00	30.2	15.7	
	Faridpur	00	28.6	16.1		Sitakunda	00	31.0	15.2	
	Madaripur	00	27.5	16.0		Rangamati	00	29.5	15.0	
	Gopalganj	00	27.8	14.5		Cumilla	00	29.8	14.6	
	Nikli	00	28.5	16.3		Chandpur	00	29.2	19.0	
Rajshahi	Rajshahi	00	28.4	15.4		M.Court	00	28.5	18.0	
	Ishurdi	00	28.0	14.0		Feni	00	31.4	14.8	
	Bogura	00	29.5	15.8		Hatiya	00	28.6	16.5	
	Badalgachhi	00	28.3	13.4		Cox's Bazar	00	30.5	19.5	
	Tarash	00	28.5	15.0		Kutubdia	00	30.2	18.0	
						Teknaf	00	30.3	19.0	
Rangpur	Rangpur	00	29.0	15.3		Khulna	Khulna	00	28.2	16.4
	Dinajpur	00	28.8	14.5			Mongla	00	28.2	17.2
	Sayedpur	00	29.5	14.5	Satkhira		00	27.8	15.5	
	Tetulia	00	29.4	<u>12.5</u>	Jashore		00	29.5	13.6	
	Dimla	00	28.8	14.0	Chudanga		00	27.8	13.2	
	Rajarhat	00	28.0	13.0	Kumarkhali		00	xx	xx	
Mymensingh	Mymensingh	00	29.2	16.4	Barishal	Barishal	00	29.0	15.0	
	Netrokona	00	30.0	15.0		Patuakhali	00	28.6	16.2	
Sylhet	Sylhet	00	30.0	17.1		Khepupara	00	28.7	16.0	
	Srimangal	00	30.8	13.5		Bhola	00	29.5	15.0	

Highlights:

- Country average bright sunshine hour was 8.16 hours per day during last week.
- Country average free water loss during the previous week was 2.63 mm per day.

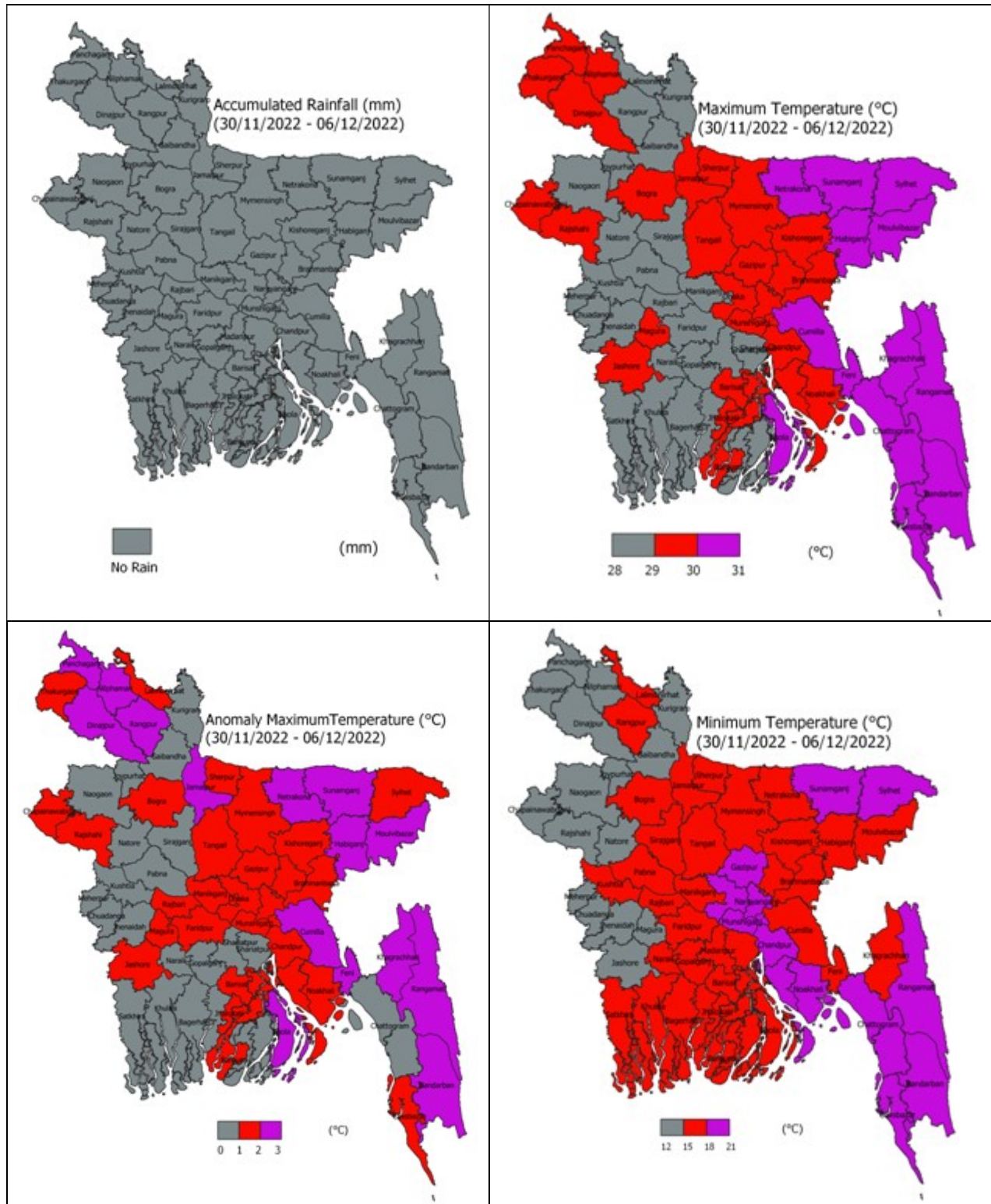
Weather Forecast Valid for 24 Hours commencing 06 PM Today:

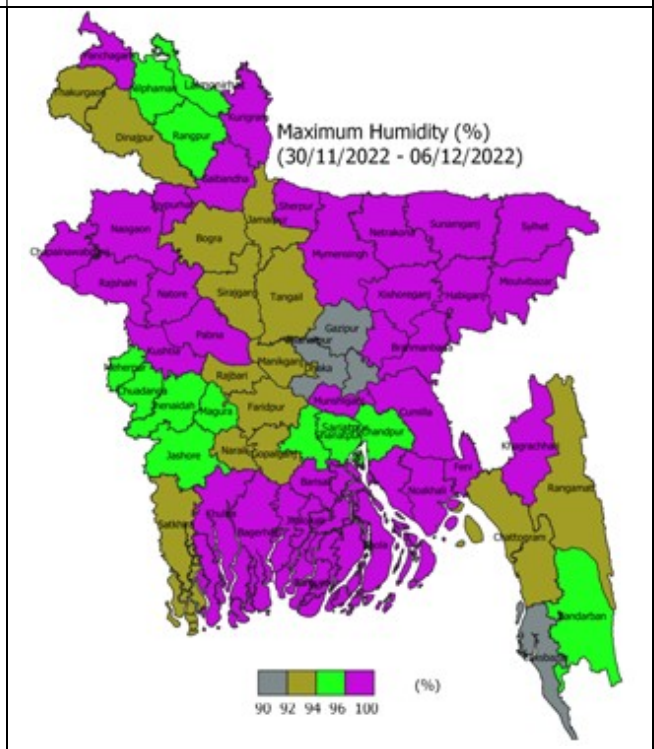
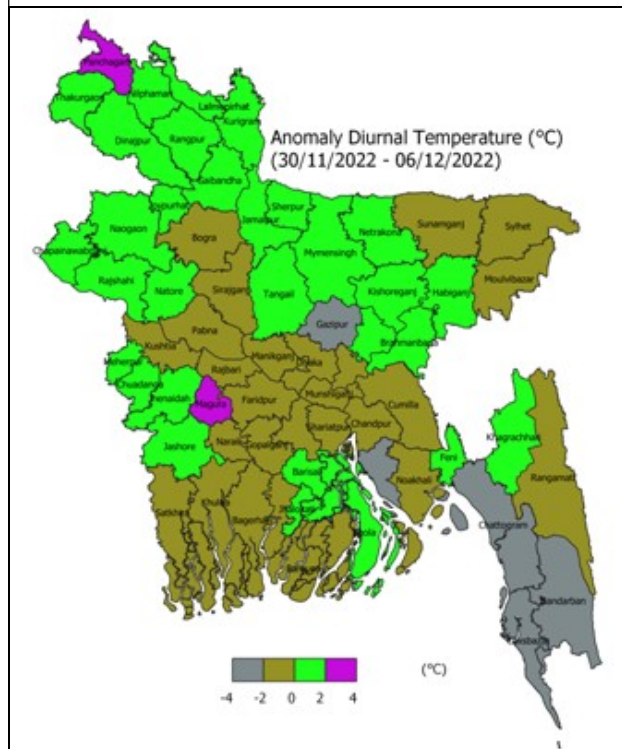
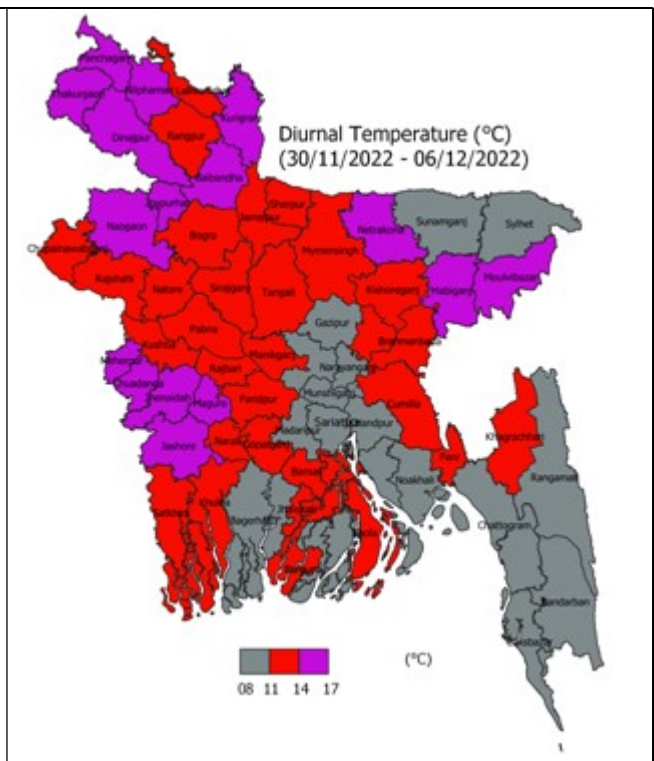
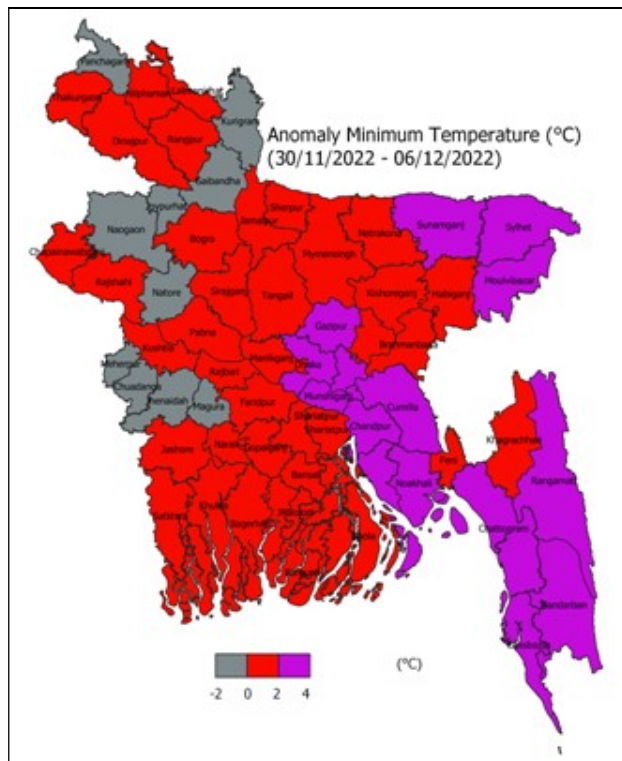
Forecast: Weather may remain dry with temporary partly cloudy sky over the country.

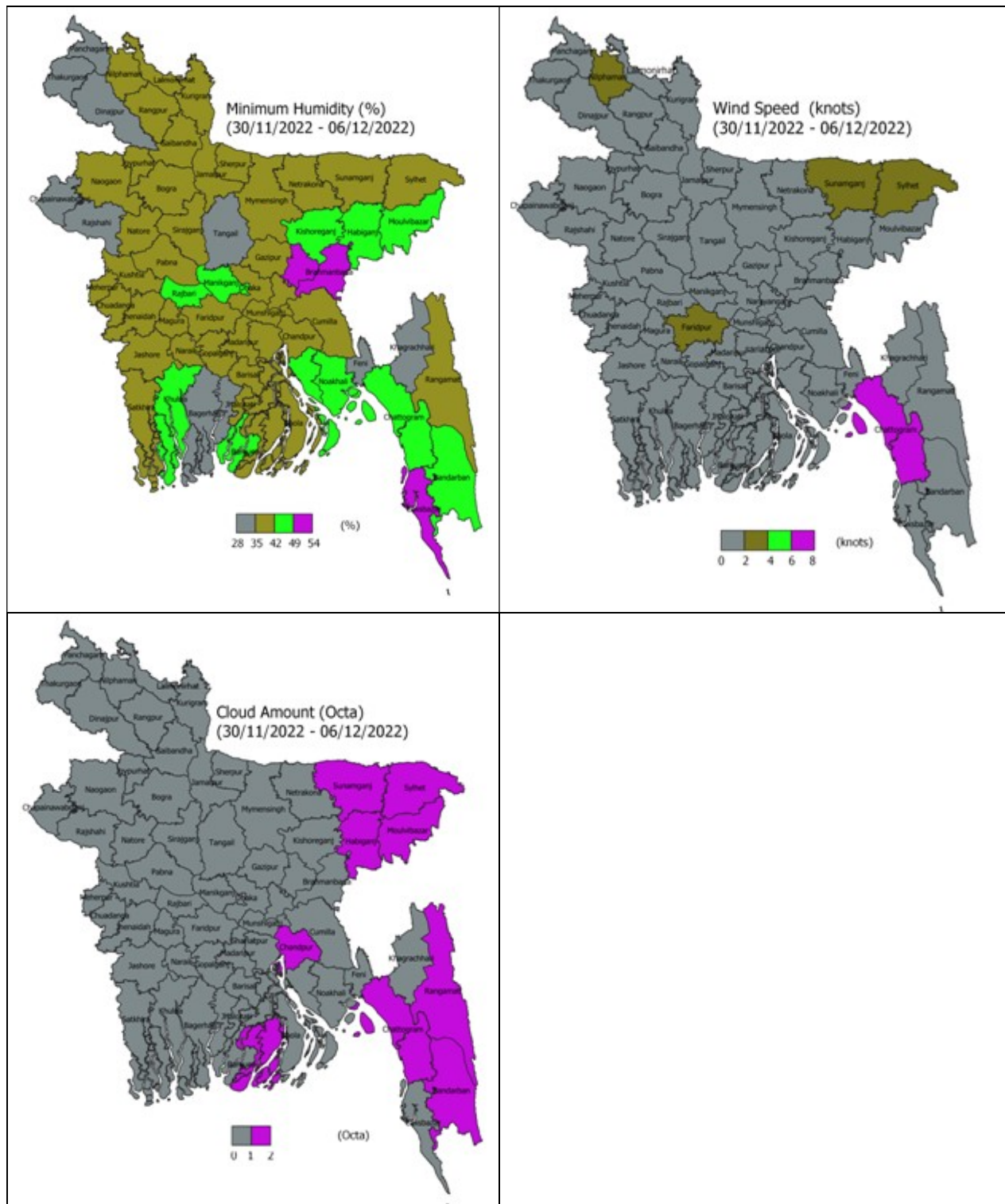
Fog: Light fog may occur at places over the country during early morning.

Temperature: Night temperature may rise slightly and day temperature may remain nearly unchanged over the country.

Spatial Distribution of weather parameters for the Week ending 06 December 2022





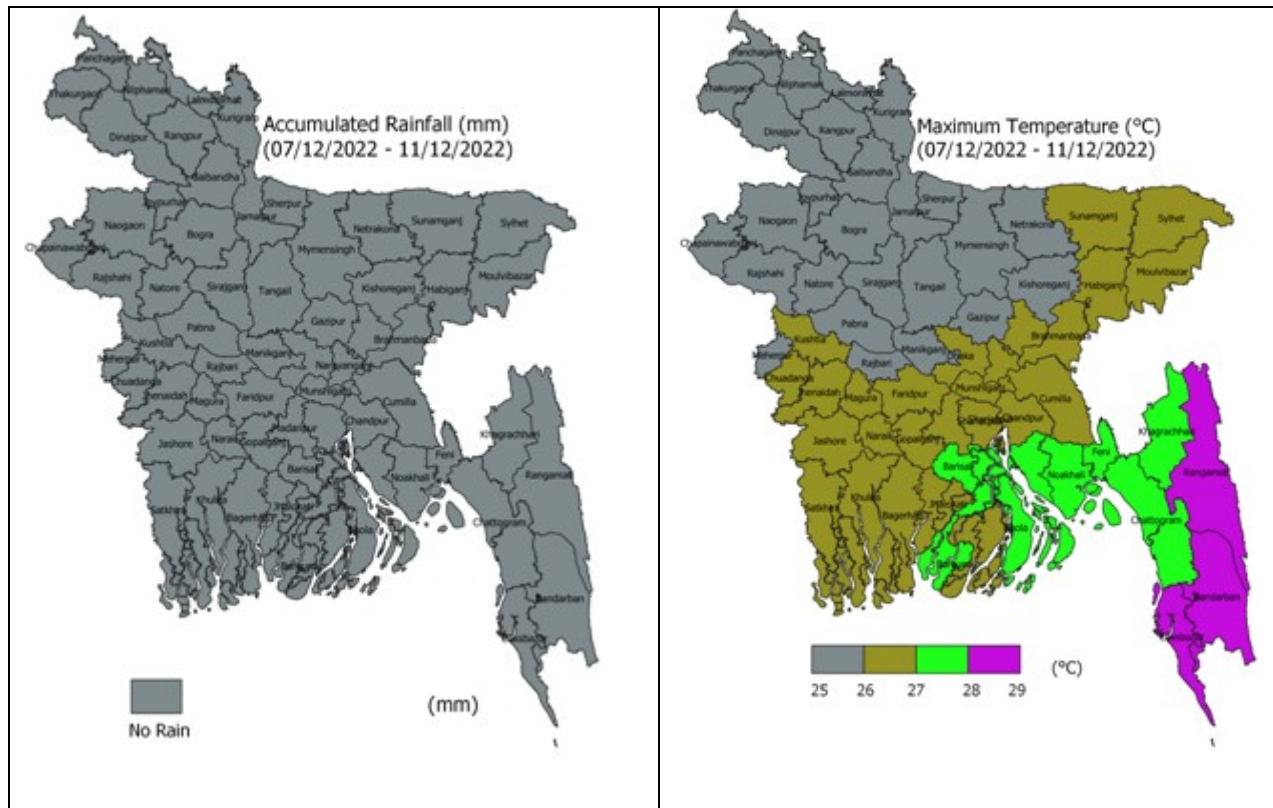


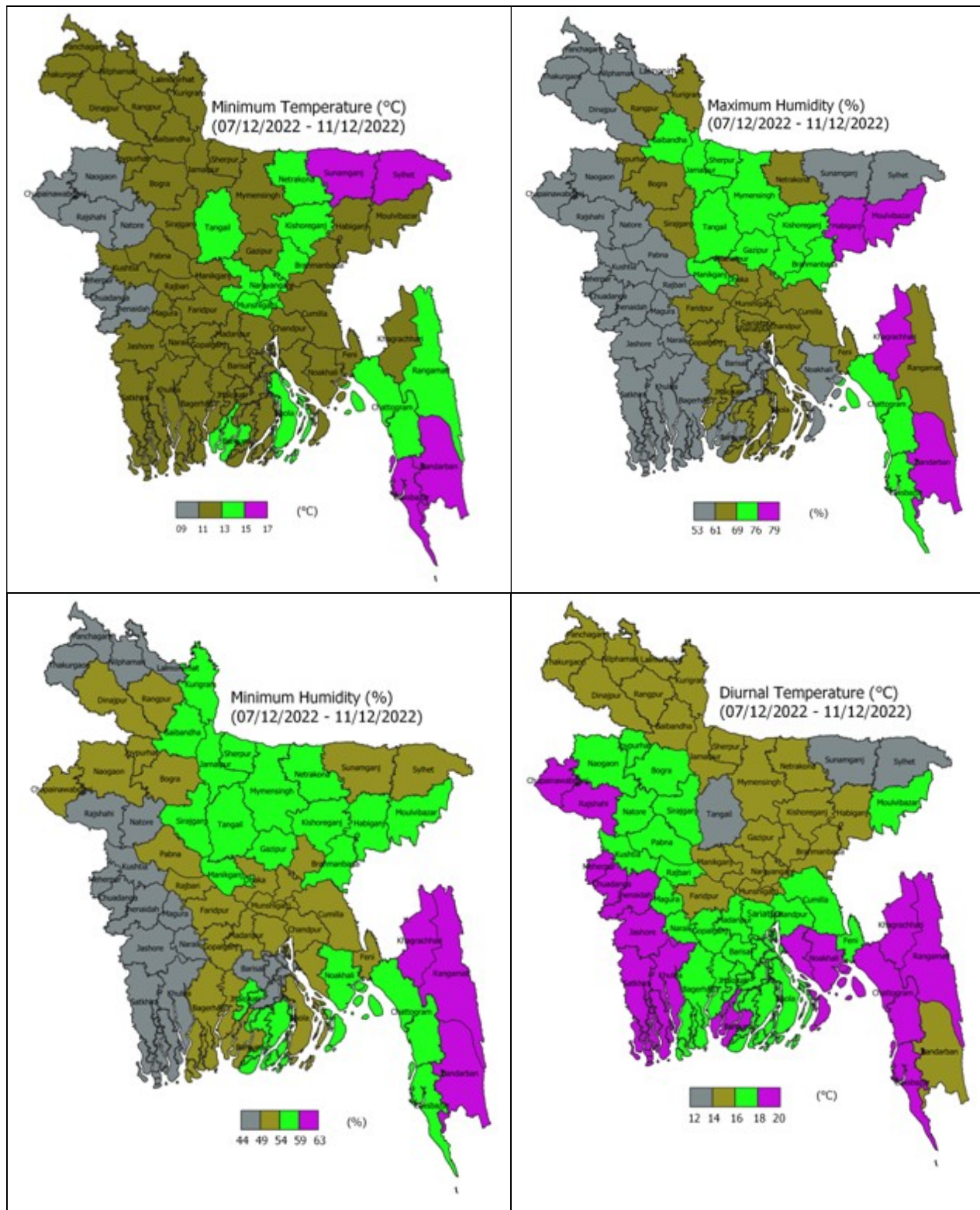
Weather Forecast and Advisory for the Period of 01.12.2022 to 07.12.2022

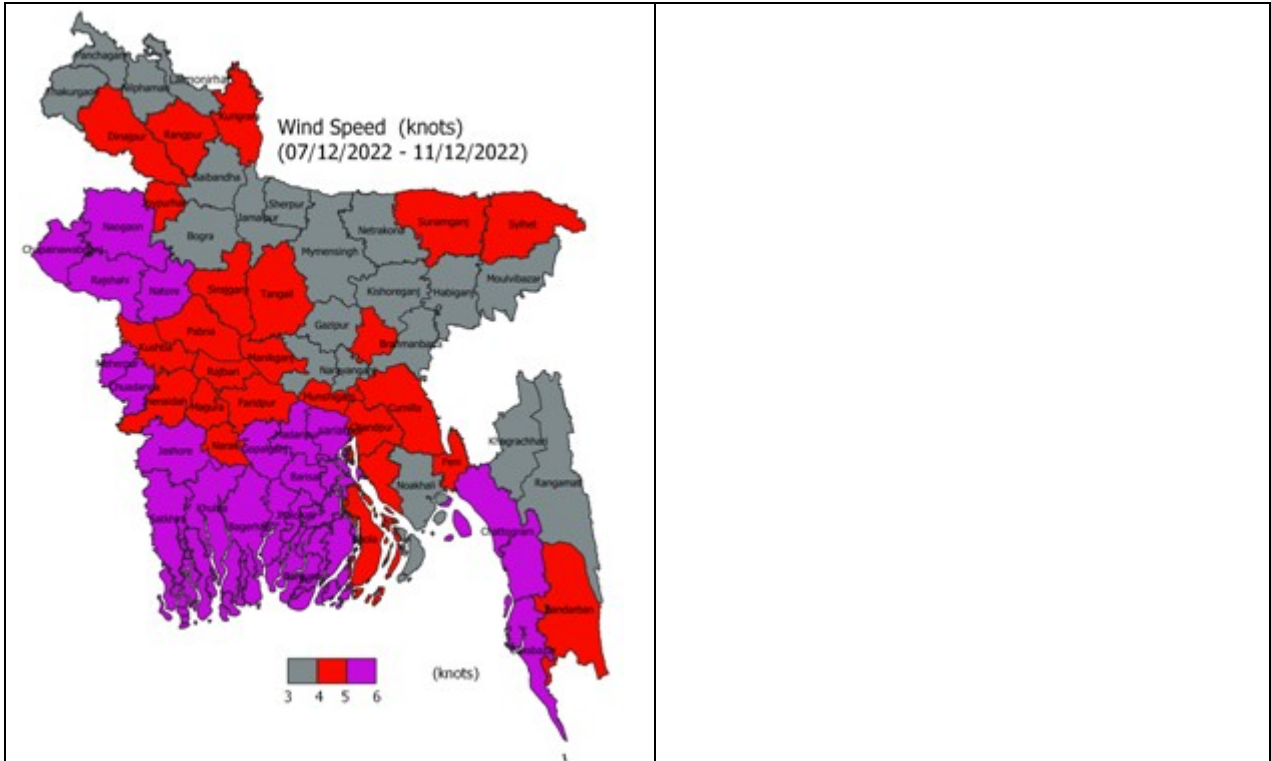
Bright sunshine hour is likely to be from 6.50 to 8.50 hours per day during this week. Average free water loss is likely to be from 2.00 to 3.00 mm per day during this week.

- Weather may remain dry with temporary partly cloudy sky over the country during this period.
- Light fog may occur at places over the country during early morning of this period.
- Day & night temperature may fall slightly during this period.

District Wise Quantitative Weather Forecast for next Five days from 07 Dec.- 11 Dec. 2022





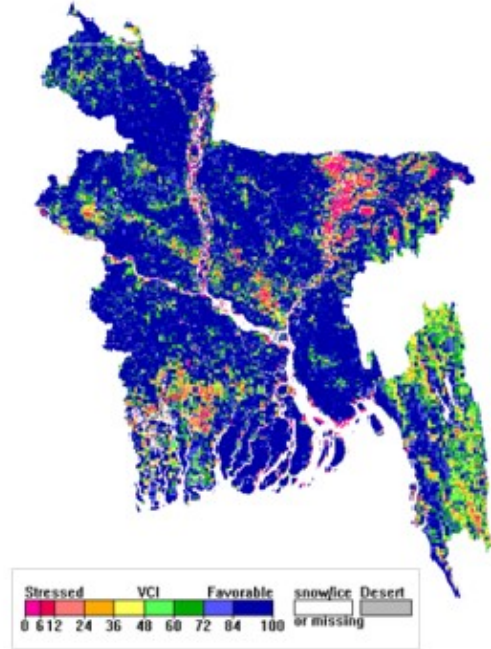


Different Satellite Products over Bangladesh

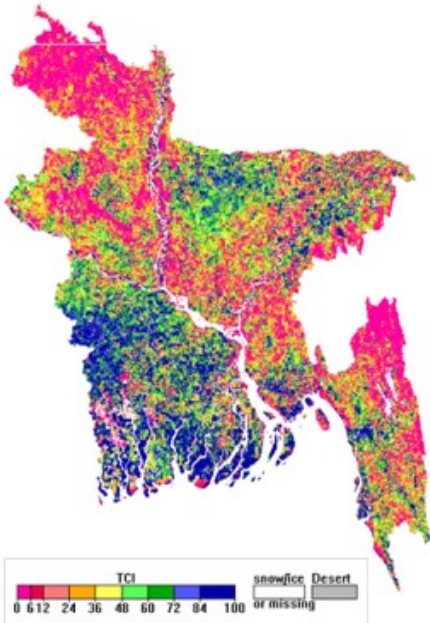
NOAA/VIIRS BLENDED NDVI composite for the week. No. 48 (26 November-02 December) over Agricultural regions of Bangladesh



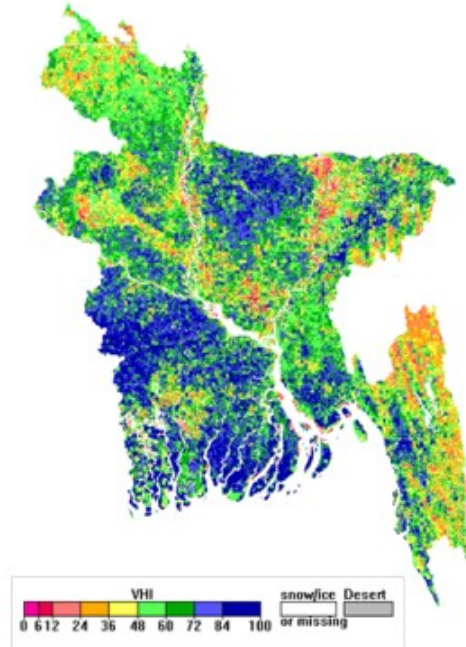
NOAA/ AVHRR BLENDED VCI composite for the week No. 48 (26 November-02 December) over Agricultural regions of Bangladesh



NOAA/ AVHRR BLENDED TCI composite for the week No. 48 (26 November-02 December) over Agricultural regions of Bangladesh



NOAA/ AVHRR BLENDED VHI composite for the week No. 48 (26 November-02 December) over Agricultural regions of Bangladesh



Agromet Advisories

According to the medium range forecast, there is no chance of rainfall 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: Germination

- Monitoring of zinc deficiency is advised in normal sown wheat crop. If deficiency occurs, spray 0.2% zinc sulphate hepta hydrate ($ZnSO_4 \cdot 7H_2O$) and one supplementary dose of nitrogenous fertilizer.
- Do not allow standing water in the field as this will turn the green leaf to yellow in colour and also may damage the seedlings.
- Apply light irrigation.

Rice Boro

Stage: Seedbed

- It is advised to prepare the seedbed in high land and also make arrangements for draining out of water and also advised for community based seedbed preparation.
- Apply light Irrigation.
- Construct drain in between two seedbeds. This will be used for draining out extra water and irrigation as well.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Under the prevailing weather condition, monitoring is advised for infestation of fruit borers in brinjal, tomato, chilli. If infestation occurs, installation of pheromone traps @ 3-4 traps per acre is advised.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighboring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months' age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Vegetative

- The incidence of sawfly may be seen in the mustard crops. To control this pest spray Chlorpyrifos 20 EC @ 5 ml/litre of water on fair weather.
- Farmers are advised to do intercultural operations after 15-20 days of sowing for conserving the moisture and removing weeds in the mustard crop.
- Apply light irrigation.

Livestock

- Give anthelmintic drugs.
- Vaccinate based on the age and physical condition of cattle.
- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.

Poultry

- Take necessary measures to protect against fungal diseases.
- If any disease symptoms appear, consult a veterinarian immediately for proper treatment.

Fishery

- If there were fish diseases or less growth, contact the nearest Upazila fisheries office immediately.
- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

Rangpur Region (Districts: Rangpur, Kurigram, Gaibandha, Nilphamari, Lalmonirhat)

Wheat

Stage: Vegetative Growth

- Monitoring of termite infestation is advised in late sown wheat crop. If termite infestation is observed in the crop field, apply Chlorpyrifos group pesticide.
- If rats are noticed, arrange net to catch the same or apply zinc phosphide or laminate to control the attack of rats.
- Do thinning operations if the plants have been sown in dense condition.
- Apply light irrigation.

Rice Boro

- **Stage: Seedbed**
- Construct drain in between two seedbeds. This will be used for draining out extra water and irrigation as well.
- It is better to maintain water level 2-3 cm in seed bed so that it can control the weeds and seed damages due to birds.
- Apply light irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Under the prevailing weather condition, monitoring is advised for infestation of fruit borers in brinjal, tomato, chilli. If infestation occurs, installation of pheromone traps @ 3-4 traps per acre is advised.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighboring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months' age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Vegetative

- The incidence of sawfly may be seen in the mustard crops. To control this pest spray Chlorpyrifos 20 EC @ 5 ml/litre of water on fair weather.
- Farmers are advised to do intercultural operations after 15-20 days of sowing for conserving the moisture and removing weeds in the mustard crop.
- Apply light irrigation.

Livestock

- Give anthelmintic drugs.
- Vaccinate based on the age and physical condition of cattle.
- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.

Poultry

- Take necessary measures to protect against fungal diseases.
- If any disease symptoms appear, consult a veterinarian immediately for proper treatment.

Fishery

- If there were fish diseases or less growth, contact the nearest Upazila fisheries office immediately.
- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

Dinajpur Region (Districts: Dinajpur, Thakurgaon and Panchagarh)

Wheat

Stage: Germination

- Monitoring of zinc deficiency is advised in normal sown wheat crop. If deficiency occurs, spray 0.2% zinc sulphate hepta hydrate ($ZnSO_4 \cdot 7H_2O$) and one supplementary dose of nitrogenous fertilizer.
- Do not allow standing water in the field as this will turn the green leaf to yellow in colour and also may damage the seedlings.
- Apply light irrigation.

Rice Boro

- **Stage:** Seedbed
- Construct drain in between two seedbeds. This will be used for draining out extra water and irrigation as well.
- It is better to maintain water level 2-3 cm in seed bed so that it can control the weeds and seed damages due to birds.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Under the prevailing weather condition, monitoring is advised for infestation of fruit borers in brinjal, tomato, chilli. If infestation occurs, installation of pheromone traps @ 3-4 traps per acre is advised.
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- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months' age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Vegetative

- The incidence of sawfly may be seen in the mustard crops. To control this pest spray Chlorpyrifos 20 EC @ 5 ml/litre of water on fair weather.
- Farmers are advised to do intercultural operations after 15-20 days of sowing for conserving the moisture and removing weeds in the mustard crop.
- Apply Irrigation.

Livestock

- Give anthelmintic drugs.

- Vaccinate based on the age and physical condition of cattle.
- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.

Poultry

- Take necessary measures to protect against fungal diseases.
- If any disease symptoms appear, consult a veterinarian immediately for proper treatment.

Fishery

- If there were fish diseases or less growth, contact the nearest Upazila fisheries office immediately.
- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

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

Wheat

Stage: Germination

- Monitoring of zinc deficiency is advised in normal sown wheat crop. If deficiency occurs, spray 0.2% zinc sulphate hepta hydrate ($ZnSO_4 \cdot 7H_2O$) and one supplementary dose of nitrogenous fertilizer.
- Do not allow standing water in the field as this will turn the green leaf to yellow in colour and also may damage the seedlings.
- Apply light irrigation.

Rice Boro

- **Stage:** Seedbed
- Construct drain in between two seedbeds. This will be used for draining out extra water and irrigation as well.
- It is better to maintain water level 2-3 cm in seed bed so that it can control the weeds and seed damages due to birds.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Under the prevailing weather condition, monitoring is advised for infestation of fruit borers in brinjal, tomato, chilli. If infestation occurs, installation of pheromone traps @ 3-4 traps per acre is advised.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months' age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Vegetative

- The incidence of sawfly may be seen in the mustard crops. To control this pest spray Chlorpyrifos 20 EC @ 5 ml/litre of water on fair weather.
- Farmers are advised to do intercultural operations after 15-20 days of sowing for conserving the moisture and removing weeds in the mustard crop.
- Apply Irrigation.

Livestock

- Give anthelmintic drugs.
- Vaccinate based on the age and physical condition of cattle.
- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.

Poultry

- Take necessary measures to protect against fungal diseases.
- If any disease symptoms appear, consult a veterinarian immediately for proper treatment.

Fishery

- If there were fish diseases or less growth, contact the nearest Upazila fisheries office immediately.
- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

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

Wheat

Stage: Germination

- Monitoring of zinc deficiency is advised in normal sown wheat crop. If deficiency occurs, spray 0.2% zinc sulphate hepta hydrate ($ZnSO_4 \cdot 7H_2O$) and one supplementary dose of nitrogenous fertilizer.
- Do not allow standing water in the field as this will turn the green leaf to yellow in colour and also may damage the seedlings.
- Apply light irrigation.

Rice Boro

Stage: Tillering

- Keep the field and irrigation channel weed free.
- Maintain 5-7 cm land water level.
- Apply irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Under the prevailing weather condition, monitoring is advised for infestation of fruit borers in brinjal, tomato, chilli. If infestation occurs, installation of pheromone traps @ 3-4 traps per acre is advised.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months' age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

- **Stage:** Germination
- Make arrangements for drains around the crop fields as this will help to drain out excess water during heavy rainfall and also help in providing irrigation.
- Apply light irrigation.

Livestock

- Give anthelmintic drugs.
- Vaccinate based on the age and physical condition of cattle.
- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.

Poultry

- Take necessary measures to protect against fungal diseases.
- If any disease symptoms appear, consult a veterinarian immediately for proper treatment.

Fishery

- If there were fish diseases or less growth, contact the nearest Upazila fisheries office immediately.
- Reduce food in winter. Stop feeding if needed.

- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

Rangamati Region (Districts: Rangamati, Khagrachari and Bandarban)

Rice Boro

Stage: Seedbed

- It is advised to prepare the seedbed in high land and also make arrangements for draining out of water and also advised for community based seedbed preparation.
- Construct drain in between two seedbeds. This will be used for draining out extra water and irrigation as well.
- If the seedbed becomes yellow, apply urea at the rate of 283 gm urea per decimal. Apply 400 gm gypsum per decimal if the seedlings are still not recovered after application of urea.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months' age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Vegetative

- Present weather conditions and at this stage of crop, the incidence of sawfly may be seen in the mustard crops. To control this pest spray Chlorpyrifos 20 EC @ 5 ml/litre of water on fair weather.
- Farmers are advised to do intercultural operations after 15-20 days of sowing for conserving the moisture and removing weeds in the mustard crop.
- Apply light irrigation.

Livestock

- Give anthelmintic drugs.
- Vaccinate based on the age and physical condition of cattle.

- Take necessary steps to protect against external parasites.
- The temperature can be increased by lighting high-wattage bulbs in sheds.

Poultry

- Take necessary measures to protect against fungal diseases.

Fishery

- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

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

Wheat

- **Stage:** Germination
- Monitoring of zinc deficiency is advised in normal sown wheat crop. If deficiency occurs, spray 0.2% zinc sulphate hepta hydrate ($ZnSO_4 \cdot 7H_2O$) and one supplementary dose of nitrogenous fertilizer.
- Farmers are advised to do intercultural operations for conserving the moisture and removing weeds within 25-30 days after sowing.
- Besides during day time when the soil is in moist condition, it is advised to apply 300-400 gm Urea per decimal to the 17-21 old crop.
- Do not allow standing water in the field as this will turn the green leaf to yellow in colour and also may damage the seedlings.
- Apply light irrigation.

Rice Boro

- **Stage:** Seedbed
- It is advised to prepare the seedbed in high land and also make arrangements for draining out of water and also advised for community based seedbed preparation.
- If the seedbed becomes yellow, apply urea at the rate of 283 gm urea per decimal. Apply 400 gm gypsum per decimal if the seedlings are still not recovered after application of urea.
- Apply light irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Apply Irrigation.

Mustard

Stage: Germination

- Before sowing of seed, apply per hectare 125-150 kg Urea, 170-180 TSP and 85-100 kg MOP & 8-10 kg Gobar. Required soil moisture is required for application of these fertilisers. If there is less moisture during sowing, apply light irrigation after 10-15 days after sowing.
- Make arrangements for drains around the crop fields as this will help to drain out excess water during heavy rainfall and also help in providing irrigation.
- Apply light irrigation.

Livestock

- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.

Poultry

- Take necessary measures to protect against fungal diseases.

Fishery

- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

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

Wheat

- **Stage: Germination**
- If symptoms of sulphur deficiency noticed in wheat crop, broadcast one quintal gypsum/acre followed by a light irrigation is advised.
- Do not allow standing water in the field as this will turn the green leaf to yellow in colour and also may damage the seedlings.
- Besides during day time when the soil is in moist condition, it is advised to apply 300-400 gm Urea per decimal to the 17-21 old crop.
- Farmers are advised to do inter-cultural operations for conserving the moisture and removing weeds within 25-30 days after sowing.
- Apply light irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Vegetative

- Present weather conditions and at this stage of crop, the incidence of sawfly may be seen in the mustard crops. To control this pest spray Chlorpyrifos 20 EC @ 5 ml/litre of water on fair weather.
- Farmers are advised to do intercultural operations after 15-20 days of sowing for conserving the moisture and removing weeds in the mustard crop.
- Apply light irrigation.

Livestock

- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.

Poultry

- Take necessary measures to protect against fungal diseases.

Fishery

- Reduce food in winter. Stop feeding if needed.
- Application of 250 grams of lime per decimal at the beginning of winter helps to get rid of fish diseases.

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

Wheat

Stage: Germination

- If symptoms of sulphur deficiency noticed in wheat crop, broadcast one quintal gypsum/acre followed by a light irrigation is advised.
- Do not allow standing water in the field as this will turn the green leaf to yellow in colour and also may damage the seedlings.
- Besides during day time when the soil is in moist condition, it is advised to apply 300-400 gm Urea per decimal to the 17-21 old crop.
- Farmers are advised to do intercultural operations for conserving the moisture and removing weeds within 25-30 days after sowing.
- Apply light irrigation.

Rice Boro

Stage: Transplanting

- Apply 13 kg urea as first top dressing after 20-25 days after transplanting.
- Keep the field and irrigation channel weed free. Weeding should be done before application of fertilizer and mixed the same with soil. Hand weeding or weedicides may be used for weeding. Complete one hand weeding before top dressing.
- Maintain 5-7 cm land water level.
- Apply irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months age. Spray Chlorpyrifos 2 ml/liters of water.
- 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

- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.

Poultry

- Take necessary measures to protect against fungal diseases.

Fishery

- Reduce food intake in winter. Stop feeding if necessary
- Application of 250 grams of lime per decimal at the beginning of winter helps to get rid of fish diseases.

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

Wheat

Stage: Germination

- Farmers are advised to do intercultural operations for conserving the moisture and removing weeds within 25-30 days after sowing.
- Besides during day time when the soil is in moist condition, it is advised to apply 300-400 gm Urea per decimal to the 17-21 old crop.
- Do not allow standing water in the field.
- Apply light irrigation.

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.
- Dead hills are to be replanted within 7-10 days of transplanting of Boro paddy
- 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.
- Seedling of 35 to 45 days old may be transplanted.
- Maintain 5-7 cm land water level.
- Apply irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Under the prevailing weather condition, monitoring is advised for infestation of fruit borers in brinjal, tomato, chilli. If infestation occurs, installation of pheromone traps @ 3-4 traps per acre is advised.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Vegetative

- Present weather conditions and at this stage of crop, the incidence of sawfly may be seen in the mustard crops. To control this pest spray Chlorpyrifos 20 EC @ 5 ml/litre of water on fair weather.
- Farmers are advised to do intercultural operations after 15-20 days of sowing for conserving the moisture and removing weeds in the mustard crop.
- Apply light irrigation.

Livestock

- Give anthelmintic drugs.

- Vaccinate based on the age and physical condition of cattle.
- Take necessary steps to protect against external parasites.
- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.
- If any disease symptoms appear, seek veterinary advice immediately.

Poultry

- Take necessary measures to protect against fungal diseases.
- If any disease symptoms appear, consult a veterinarian immediately for proper treatment.

Fishery

- If there were fish diseases or less growth, contact the nearest Upazila fisheries office immediately.
- Dry the pond and remove the black/rotten mud from the bottom.
- Start preparing the pond for the next year by harvesting all the fish if it is an annual pond.
- Repair the pond's bank if damaged.
- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

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

Rice Boro

Stage: Seedbed

- It is advised to prepare the seedbed in high land and also make arrangements for draining out of water and also advised for community based seedbed preparation.
- If the seedbed becomes yellow, apply urea at the rate of 283 gm urea per decimal. It is better to maintain water level 2-3 cm in seed bed so that it can control the weeds and seed damages due to birds.
- Apply light irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Under the prevailing weather condition, monitoring is advised for infestation of fruit borers in brinjal, tomato, chilli. If infestation occurs, installation of pheromone traps @ 3-4 traps per acre is advised.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months age. Spray Chlorpyrifos 2 ml/liters of water.

- Apply Irrigation.

Livestock

- Give anthelmintic drugs.
- Vaccinate based on the age and physical condition of cattle.
- Take necessary steps to protect against external parasites.
- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.
- If any disease symptoms appear, seek veterinary advice immediately.

Poultry

- Take necessary measures to protect against fungal diseases.
- If any disease symptoms appear, consult a veterinarian immediately for proper treatment.

Fishery

- If there were fish diseases or less growth, contact the nearest Upazila fisheries office immediately.
- Dry the pond and remove the black/rotten mud from the bottom.
- Start preparing the pond for the next year by harvesting all the fish if it is an annual pond.
- Repair the pond's bank if damaged.
- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

Cumilla Region (Districts: Cumilla, Chandpur, Bramanbaria)

Wheat

Stage: Sowing

- Farmers are advised to sow the recommended varieties crop as present climatic conditions in respect of temperature favours ideal germination of seeds. A delay in sowing to avail the maximum advantage of cool weather leads to poor crop stands.

Rice Boro

Stage: Tillering

- Apply 13 kg urea as first top dressing after 20-25 days after transplanting.
- Keep the field and irrigation channel weed free.
- Maintain 5-7 cm land water level.
- Apply irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.

- Under the prevailing weather condition, monitoring is advised for infestation of fruit borers in brinjal, tomato, chilli. If infestation occurs, installation of pheromone traps @ 3-4 traps per acre is advised.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Vegetative

- Present weather conditions and at this stage of crop, the incidence of sawfly may be seen in the mustard crops. To control this pest spray Chlorpyrifos 20 EC @ 5 ml/litre of water on fair weather.
- Farmers are advised to do intercultural operations after 15-20 days of sowing for conserving the moisture and removing weeds in the mustard crop.
- Apply light irrigation.

Livestock

- Give anthelmintic drugs.
- Vaccinate based on the age and physical condition of cattle.
- Take necessary steps to protect against external parasites.
- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.
- If any disease symptoms appear, seek veterinary advice immediately.

Poultry

- Take necessary measures to protect against fungal diseases.
- If any disease symptoms appear, consult a veterinarian immediately for proper treatment.

Fishery

- If there were fish diseases or less growth, contact the nearest Upazila fisheries office immediately.
- Dry the pond and remove the black/rotten mud from the bottom.
- Start preparing the pond for the next year by harvesting all the fish if it is an annual pond.
- Repair the pond's bank if damaged.
- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

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

Wheat

Stage: Germination

- Farmers are advised to do intercultural operations for conserving the moisture and removing weeds within 25-30 days after sowing.
- Besides during day time when the soil is in moist condition, it is advised to apply 300-400 gm Urea per decimal to the 17-21 old crop.
- Do not allow standing water in the field as this will turn the green leaf to yellow in colour and also may damage the seedlings.
- Apply light irrigation.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Under the prevailing weather condition, monitoring is advised for infestation of fruit borers in brinjal, tomato, chilli. If infestation occurs, installation of pheromone traps @ 3-4 traps per acre is advised.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months age. Spray Chlorpyrifos 2 ml/liters of water.
- 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 anthelmintic drugs.
- Vaccinate based on the age and physical condition of cattle.
- Take necessary steps to protect against external parasites.
- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.
- If any disease symptoms appear, seek veterinary advice immediately.

Poultry

- Take necessary measures to protect against fungal diseases.
- If any disease symptoms appear, consult a veterinarian immediately for proper treatment.

Fishery

- If there were fish diseases or less growth, contact the nearest Upazila fisheries office immediately.
- Dry the pond and remove the black/rotten mud from the bottom.
- Start preparing the pond for the next year by harvesting all the fish if it is an annual pond.
- Repair the pond's bank if damaged.
- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)

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

Wheat

Stage: Germination

- Do not allow standing water in the field
- Besides during day time when the soil is in moist condition, it is advised to apply 300-400 gm Urea per decimal to the 17-21 old crop.
- Farmers are advised to do intercultural operations for conserving the moisture and removing weeds within 25-30 days after sowing.
- Apply light irrigation.

Rice Boro

Stage: Seedbed

- It is advised to prepare the seedbed in high land and also make arrangements for draining out of water and also advised for community based seedbed preparation.
- Apply light Irrigation.
- Construct drain in between two seedbeds. This will be used for draining out extra water and irrigation as well.
- It is better to maintain water level 2-3 cm in seed bed so that it can control the weeds and seed damages due to birds.
- If the seedbed becomes yellow, apply urea at the rate of 283 gm urea per decimal.

Vegetable

- Present weather is congenial for sucking pests in vegetables; spray recommended pesticides.
- Under the prevailing weather condition, monitoring is advised for infestation of fruit borers in brinjal, tomato, chilli. If infestation occurs, installation of pheromone traps @ 3-4 traps per acre is advised.
- Present weather condition is favourable for the incidence of yellowish-brown spot in tomato, Spray mancozeb 2.5-3g/litres of water.
- Apply Irrigation.

Horticultural

- Weather conditions are congenial for bud rot disease in coconut; spray Bordeaux mixture 1% on spindle leaves and crown of diseased plant as well as neighbouring coconuts plants.
- Under the present weather conditions, there is a chance of an attack of pseudostem weevil to young banana plants of 3-4 months age. Spray Chlorpyrifos 2 ml/liters of water.
- Apply Irrigation.

Mustard

Stage: Vegetative

- Present weather conditions and at this stage of crop, the incidence of sawfly may be seen in the mustard crops. To control this pest spray Chlorpyrifos 20 EC @ 5 ml/litre of water on fair weather.
- Farmers are advised to do intercultural operations after 15-20 days of sowing for conserving the moisture and removing weeds in the mustard crop.
- Apply light irrigation.

Livestock

- Give anthelmintic drugs.
- Vaccinate based on the age and physical condition of cattle.
- Take necessary steps to protect against external parasites.
- The temperature can be increased by lighting high-wattage bulbs in sheds.
- Feed rich feed.
- If any disease symptoms appear, seek veterinary advice immediately.

Poultry

- Take necessary measures to protect against fungal diseases.
- If any disease symptoms appear, consult a veterinarian immediately for proper treatment.

Fishery

- If there were fish diseases or less growth, contact the nearest Upazila fisheries office immediately.
- Dry the pond and remove the black/rotten mud from the bottom.
- Start preparing the pond for the next year by harvesting all the fish if it is an annual pond.
- Repair the pond's bank if damaged.
- Reduce food in winter. Stop feeding if needed.
- Apply lime in the pond to protect fish from various bacterial diseases in winter. (250 gm/per decimal)