



Impact based forecast (IBF) for Agriculture for the districts of North Bengal of West Bengal based on District Level Forecast and warning issued by RMC, Kolkata

Subject: Deep Depression over Northwest Bay of Bengal off West Bengal-Bangladesh Coasts

North Bengal:

29/05/2025

Light to moderate rain/thundershower very likely at most places over North Bengal.

Heavy to very heavy rainfall (07-20 cm) rainfall likely to occur at one or two places over Jalpaiguri, Alipurduar and Coochbehar districts of North Bengal;

Heavy rainfall (7-11 cm) likely to occur at one or two places over Uttar Dinajpur of North Bengal.

Squally wind speed reaching 40 to 50 Kmph gusting to 60 kmph likely to occur at one or two places over Uttar Dinajpur, Jalpaiguri, Cooch Behar and Alipurduar districts of north Bengal.

30/05/2025

Light to moderate rain/thundershower very likely at most places over North Bengal

Heavy to very heavy rainfall (07-20 cm) rainfall very likely to occur at one or two places over Jalpaiguri, Alipurduar and Coochbehar districts of North Bengal.

Heavy rainfall (7-11 cm) likely to occur at one or two places over Uttar Dinajpur of North Bengal.

Squally wind speed reaching 40 to 50 Kmph gusting to 60 kmph likely to occur at one or two places over North Dinajpur, and wind speed reaching 30-40 kmph likely to occur at one or two places over Jalpaiguri, Alipurduar and Coochbehar districts of north Bengal.

31/05/2025

Light to moderate rain/thundershower very likely at most places over North Bengal.

Heavy to very heavy rainfall (07-20 cm) rainfall likely to occur at one or two places over Alipurduar districts of North Bengal.

Heavy rainfall (7-11 cm) likely to occur at one or two places over Jalpaiguri, Coochbehar districts of North Bengal.

01/06/2025

Light to moderate rain/thundershower very likely at most places over North Bengal.

General

Action suggested: Take shelter in safe place during thunderstorm activity

Advisory for Agriculture Sector

District	Main Crops/ Horticulture/ Animal Husbandry	Agriculture		Advisory
		Stage	Likely	
Cooch Behar, Jalpaiguri, Alipurduar, Uttar Dinajpur	Boro Rice	Harvesting/ Drying	Grain sprouting, Fungal disease	Cut only the panicle portion and dry it in sun/ shade with electric light/fan. Avoid threshing during rain. Cover the harvested grains with Tarpaulins
	Maize	Harvesting/ Drying	Germination of seeds from the matured cobs, fungal	Separate the seeds from the cob and dry it in sun or in shade. Cover the harvested grains

			attack.	with Tarpaulins
	Jute	Vegetative	Water logging	Drain out the excess water from the field
		Horticulture		
	Litchi, Mango	Harvesting	Fungal attack. Fruit damage by falling	Complete the harvesting process of matured or near matured fruits. Discard the damaged/ rotten fruits. Discard damaged/fallen fruits.
	Brinjal, Tomato, Okra	Fruit development/ Maturity	Damage of standing crop, Waterlogging in fields, Increase risk of fungal disease	Maintain Proper drainage to avoid water logging. Provide additional support to the plants to prevent it from lodging. Early harvest of near matured to prevent loss and damage.
		Animal Husbandry		
	Cow, Goat, Sheep, Buffalo	Cattle should be kept at safe and dry places in cattle shed. Do not keep cattle/goat in the open. Do not allow animals for grazing during warning period. Avoid mixing of flowing rain water into source of drinking water. Give clean drinking water.		
	Poultry	Prepare proper shade. Keep the shed dry and cover the walls with Tarpaulins during rain. Give clean drinking water. Provide electric light for warmth.		

Prof. Subhendu Bandyopadhyay, Principal Nodal Officer, GKMS: Uttar Banga Krishi Viswavidyalaya
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