



**Gramin Krishi Mausam Sewa**  
**District Level Agromet Advisory Bulletin**  
 Central Research Institute of Jute & Allied Fibres (CRIJAF),  
 Nilganj, Barrackpore-700120  
 ICAR-CRIJAF



## Agromet Advisory Bulletin

Date : 10-05-2022

Weather Forecast of District PURBA-BARDHAMAN(West Bengal) Issued On : 2022-05-10(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-05-11	2022-05-12	2022-05-13	2022-05-14	2022-05-15
Rainfall(mm)	37	11	0	2	2
Tmax(°C)	31.6	32.5	33.6	35.1	37.1
Tmin(°C)	22.0	22.3	23.6	24.0	24.9
RH-I(%)	83	75	77	78	79
RH-II(%)	51	49	41	45	37
Wind Speed(kmph)	15.6	19.4	21.2	24.9	22.7
Wind Direction(Degree)	159	198	193	167	162
Cloud Cover(Octa)	2	2	2	6	6

### Weather Summary/Alert:

Mainly cloudy weather condition is expected in Purba Bardhaman district from 2nd May. Total 65 mm rainfall is predicted from 3rd to 7th May. RH is expected to be around 33% to 86%. Maximum temperature is expected to be around 32 – 36 deg C and minimum temperature is expected to be around 22 – 25 deg C. Wind will blow mostly from South and South-West direction for next five days with an average speed of 13 – 14 kmph. As per the Extended Range forecast from IMD, below normal rainfall is expected during next week (May 3 - May 9) over the district and maximum temperature is likely to remain below normal while minimum temperature is expected to be normal during the said period.

### General Advisory:

As moderate rainfall with occasional thunderstorm and lightening activities is expected from 3rd to 7th May, farmers are advised to prepare drainage channel in crop field to remove the water. Be concerned about water stagnation in the field. Matured fruit and vegetable should be harvested well before. Add bamboo stick to macha vegetables to avoid of lodging. Babana, papaya tree should be well tied with bamboo stick to avoid breaking due to fall down.

### SMS Advisory:

Moderate rainfall is expected from 10th to 12th May then rainfall will be decreased thus farmers are advised not to give irrigation and spray in the crop during this period.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
RICE	Stage: Panicle initiation-Remove weeds by hands on the ground and keep the bunds clean. Maintain water level up to 2-4 cm in the ground, otherwise, grain development will be hampered. Use mixture of Hexaconazole and Zineb @ 2 g/litre of water to reduce blast attack in Rice. There may be chance of gundhi bug attack in the newly developed panicles. To control gundhi bug, spray NSKE solution @ 50 ml/litre of water or Malathion 50 EC @ 500 ml/ha twice, first during panicle initiation stage and the second after one week of spikelet development.

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Farmers are advised to spray NSKE @ 5% or Chlorpyrifos 20% EC @ 1 ml/lit of water or Cypermethrin @ 1.5 ml/liter of water to control fruit and shoot borer attack in brinjal. In few places, infestation of hadda beetle was noticed. To reduce beetle attack, farmers may apply Fipronil 5% SC @ 1 ml per litre of water during late afternoon hours.
CHILLI	The weather may be conducive for the attack of yellow and red mite in Chilli crop. Application of Spiromesifen 22.9 % S.C. @ 0.75 ml/liter of water during afternoon hours is advised to manage the attack.

#### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
BIRD	To prevent disease infestation in poultry cage, apply copper solution 50 gm /liter of water or finyle 100 ml/ liter of water. Use medicine for louse infestation in poultry bird. Contact with local BLDO or Pranimitra for Wormicide and Ranikhet vaccination.