



**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 : 26-04-2022

Weather Forecast of District PURBA-BARDHAMAN(West Bengal) Issued On : 2022-04-26(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-04-27	2022-04-28	2022-04-29	2022-04-30	2022-05-01
<b>Rainfall(mm)</b>	0.0	0.0	0.0	0.0	15.0
<b>Tmax(°C)</b>	41.0	41.0	41.0	41.0	40.0
<b>Tmin(°C)</b>	26.0	26.0	26.0	26.0	26.0
<b>RH-I(%)</b>	58	69	77	72	84
<b>RH-II(%)</b>	7	11	14	23	32
<b>Wind Speed(kmph)</b>	17.1	17.9	9.8	10.8	16.5
<b>Wind Direction(Degree)</b>	208	206	206	244	120
<b>Cloud Cover(Octa)</b>	1	1	1	0	3

### Weather Summary/Alert:

Mainly clear weather condition is expected in Purba Barddhaman district on next five days. No rainfall is predicted for next five days. RH is expected to be around 7% to 84%. Maximum temperature is expected to be around 40 – 41 deg C and minimum temperature is expected to be around 25.5 – 26.5 deg C. Wind will blow mostly from South and South-West direction for next five days with an average speed of 14 – 15 kmph. As per the Extended Range forecast from IMD, below normal rainfall is expected during next week (April 27 - May 3) 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 heat wave activities is expected from 25th to 28th April, farmers are advised to prepare irrigation facility in crop field. Be concerned about water shortage in the field. Keep the animals in the shed from 12 noon to 4 pm. To protect the domestic animals from heat shock give sugarcane molasses @ 2-3 times/ day with drinking water. Use the Meghdoot mobile app to get the medium range weather forecast and weather based agro-advisory. Also Use the DAMINI mobile app to get timely alert of lightning.

### SMS Advisory:

As heat wave will prevail farmers are advised to give need based irrigation to the crops in case of water shortage in field.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
JUTE	Both capsularis (JRC 532, JRC 9057 etc.) and Olitorius (JRO 204, CO 58, JRO 2407 etc.) jute should be planted within March month, though, sowing of olitorius jute may be extended upto first week of May. Line sowing of jute is recommended and for that fine tilth should be prepared. Row to row distance: 30 cm (Capsularis) & 25 cm (olitorius) and plant to plant distance: 5-7 cm is maintained mechanically using seed drill made by ICAR-CRIJAF, Barrackpore. For line sowing- Seed rate of 7 kg/ha (Capsularis) & 5 kg/ha (Olitorius) is recommended. Seed should be treated with Carbendazim @ 2 g/kg or 10 g/kg Trichoderma viride before sowing. Apply fertilizer N:P2O5:K2O @ 60-80:40:40 kg/ha in jute field. Spray with Butachlor @ 3-4 ml/lit of water during sowing and after 30-35 days, hand weeding is recommended for weed control in jute.

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
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.

#### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Considering the severe heat wave condition outside, farmers are advised to keep their animals under shed for maximum period of time. Use tap water only as drinking water and mix salt and molasses with water if possible. Goats should be vaccinated for goat pox and PPR.

#### 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.