



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



## Agromet Advisory Bulletin

Date : 29-04-2022

Weather Forecast of District PURBA-BARDHAMAN(West Bengal) Issued On : 2022-04-29(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-04-30	2022-05-01	2022-05-02	2022-05-03	2022-05-04
<b>Rainfall(mm)</b>	0.0	0.0	26.0	8.0	10.0
<b>Tmax(°C)</b>	39.0	40.0	39.0	37.0	38.0
<b>Tmin(°C)</b>	27.0	27.0	27.0	26.0	25.0
<b>RH-I(%)</b>	57	70	76	85	86
<b>RH-II(%)</b>	8	17	28	51	54
<b>Wind Speed(kmph)</b>	20.2	19.7	18.9	17.9	15.0
<b>Wind Direction(Degree)</b>	204	160	158	117	117
<b>Cloud Cover(Octa)</b>	1	2	3	4	6

### Weather Summary/Alert:

Mainly cloudy weather condition is expected in Purba Bardhaman district from 2nd May. Total 44 mm rainfall is predicted from 2nd to 4th May. RH is expected to be around 8% to 86%. Maximum temperature is expected to be around 36.5 – 43 deg C and minimum temperature is expected to be around 24 – 27 deg C. Wind will blow mostly from South and South-West direction for next five days with an average speed of 18 – 19 kmph. As per the Extended Range forecast from IMD, below normal rainfall is expected during next week (April 30 - May 6) 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 2nd to 4th 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 1st to 4th May 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.
DAINCHA	Sowing of green manuring crops like dhaincha, sunnhemp may be advised in the field where rabi crop is recently harvested. Ensure proper moisture for proper germination and growth of the crop.
SESAME (GINGELLY/TIL)	To control sheath blight in sesame, apply blitox @ 4 gm/liter of water in late afternoon hours. In this forecasted period, there may be chance of cut worm attack in Til and to control this infestation, apply imidacloprid 3 ml/liter of water in alteration with chlorpyrifos @ 1 ml/liter of water at fortnightly interval.
OKRA/ LADIES' FINGER	In this period, yellow vein mosaic disease is the major problem in most bhendi fields. To control YVMV, plants should be sprayed with Chlorpyrifos 2.5 ml + neem oil 2 ml per lit of water during evening hours. White fly carries the disease faster thus, yellow sticky trap may be used to control white fly in the field. Give two three spray of NSKE @ 5% in alteration with chemical pesticides to reduce mite and hopper infestation. One hand weeding is advised.

#### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	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. Vaccinate cow with wormicide and FMD. Use common electrolytes available in the market @ 40-50 g per liter of water to feed them.