



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 : 06-05-2022

Weather Forecast of District PURBA-BARDHAMAN(West Bengal) Issued On : 2022-05-06(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-05-07	2022-05-08	2022-05-09	2022-05-10	2022-05-11
Rainfall(mm)	4	2	25	0	0
Tmax(°C)	32.9	33.9	33.1	33.9	31.1
Tmin(°C)	22.7	23.0	23.0	22.4	23.1
RH-I(%)	72	78	75	78	80
RH-II(%)	29	30	36	34	36
Wind Speed(kmph)	11.6	12.8	15.1	17.2	18.1
Wind Direction(Degree)	158	195	169	162	158
Cloud Cover(Octa)	1	1	1	2	2

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 3rd to 4th 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.
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.