



## Agromet Advisory Bulletin

Date : 06-01-2023

**Weather Forecast of District PURBA-BARDHAMAN(West Bengal) Issued On : 2023-01-06(Valid Till 08:30 IST of the next 5 days)**

Parameter	2023-01-07	2023-01-08	2023-01-09	2023-01-10	2023-01-11
Rainfall(mm)	0	0	0	0	0
Tmax(°C)	22.5	23.5	24.0	24.8	24.6
Tmin(°C)	9.3	9.9	10.1	10.8	11.1
RH-I(%)	52	47	44	44	56
RH-II(%)	28	25	23	21	21
Wind Speed(kmph)	13.3	13.1	11.8	9.6	9.8
Wind Direction(Degree)	338	338	338	349	338
Cloud Cover(Octa)	0	0	0	0	0

### Weather Summary/Alert:

Clear weather condition is expected in Purba Barddhaman district on next few days. No rainfall is predicted on next five days. RH is expected to be around 21% to 56%. Maximum temperature is expected to be around 23-25 deg C and minimum temperature is expected to be around 9-11 deg C. Wind will blow mostly from North and North-West direction for next five days with an average speed of 9-11 kmph. Tmax will remain above normal while Tmin will remain below normal and no significant rainfall will occur during next two week (6-12 January, Week1 and 13-19 January, Week2).

### General Advisory:

For control of leaf spot, leaf blight, root rot, wilt etc. spray with Carbendazim 50% WP @ 1 gm/lit or Metiram 55% + Pyraclostrobin 5% WG @ 3-3.5 g/lit followed by spraying with Tebuconazole 25.9% EC @ 1.5 ml/lit. Use the Meghdoot app for medium-range weather forecast and weather-based Agro advisory. Use DAMINI mobile App to get timely alert on lighting. Follow special bulletins for detailed knowledge about extreme weather conditions.

### SMS Advisory:

During this time, flower buds started to appear in Mango trees and farmers are advised to spray Boron @ 1.5 g/l in mango trees for better pollination and fruit setting.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
MUSTARD	In the present time, to meet the micronutrient requirement of mustard, apply Boron @ 25 g/15 litre of water at an interval of 10 days atleast for two times. Stop irrigation for few days if swelling like structure is found in mustard root. During forecasted period there may be chance of aphid infestation in few mustard fields. To control mustard aphid, farmers may

Crop(Varieties)	Crop Specific Advisory
	apply Thiamethoxam @ 0.5 ml/liter or Flonicamid @ 0.3 g/liter of water during early morning hours in clear weather. For Alternaria blight spray with Metalaxyl 8% WP + Mancozeb 64% WP @ 2.5 gm/lit followed by spraying with Copper oxychloride 50% WP @ 4 gm/lit may be useful.

### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
POTATO	Due to deep fog and moderate rainfall when weather is wety, brown colour water soaked lesion is seen on leaf and stem. When the age of disease free potato plant become 4-5 weeks then spary with Copper oxychloride 50% WP @ 4 gm/lit. of water or Mancozeb 75% WP @ 2.5 gm/lit. of water. In case of disease affected plant spray with Dimethomorph 50% WP @ 1.3 gm/lit. of water + Mancozeb 75% WP @ 2 gm/lit. of water or Cymoxanil 8% + Mancozeb 64% WP @ 3 gm/lit. of water or Metalaxil 8% + Mancozeb 64% WP @ 3 gm/lit. of water. Never spray Carbendazim and Thiophanate methyl in case of late blight disease.
TOMATO	During this period, bacterial wilt is a serious problem in Tomato crop. Infected stem when put in water and water gets turbulent by time (ooze test) shows the conformity of bacterial wilt in Tomato. To control bacterial wilt, immediatly remove the infested plant from the main field and soil drenching with pseudomonas fluorescence @ 5 g/liter may also be recommended. To control tomato fruit borer, use Helilure pheromone trap @ 10-12/ha and collect and destroy the infected fruit and in case of severe infestation, spray cypermethrin 1.5 ml/lit of water.

### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
BIRD	Night temperature will fall significantly on next few days, provide warm cover to the shelter of poultry birds and livestock. Use electric bulb to keep the brooding room heated.