



**Gramin Krishi Mausam Sewa**  
**District Level Agromet Advisory Bulletin**  
**Bidhan Chandra Krishi Viswavidyalaya**  
 Mohanpur, Dist- Nadia, West Bengal



## Agromet Advisory Bulletin

Date : 13-09-2022

Weather Forecast of District 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2022-09-13(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-09-14	2022-09-15	2022-09-16	2022-09-17	2022-09-18
Rainfall(mm)	80.0	40.0	20.0	15.0	11.0
Tmax(°C)	27.0	28.0	29.0	29.0	30.0
Tmin(°C)	25.0	25.0	26.0	26.0	26.0
RH-I(%)	90	89	86	84	86
RH-II(%)	82	86	76	69	67
Wind Speed(kmph)	23.5	27.1	21.2	18.7	12.7
Wind Direction(Degree)	202	246	246	225	202
Cloud Cover(Octa)	8	8	8	8	8

### Weather Summary/Alert:

Heavy rainfall is predicted in next 2 days and light to moderate rainfall is predicted in the remaining days. • • Sky will be overcast in next 5days . • • Wind speed will be 12.7-27.1 km/hr and the predominant wind direction will be South-Westerly. • • Maximum temperature is expected to be around 27.0-30.0 degree and minimum temperature is likely to be 25.0-26.0 degree. • Maximum and minimum relative humidity will be in the range of 84-90% and 67-86%

### General Advisory:

Enhanced rainfall activity over the districts of South Bengal during 13 th to 14th September, 2022. Yesterday's Well Marked Low Pressure Area over central parts of Madhya Pradesh persists and the associated cyclonic circulation extends up to 7.6 km above mean sea level. It is likely to move nearly northwestwards across Madhya Pradesh during next 24 hours. The trough now runs from the Well Marked Low pressure area to north Bangladesh across North Chhattisgarh, Jharkhand & Gangetic West Bengal and extends up to 4.5 km above mean sea level. 13.09.2022 (ORANGE WARNING) Heavy to very heavy rain (07–20 cm) is very likely to occur at one or two places over South 24 Parganas districts. 14.09.2022(YELLOW WARNING): Heavy rain (07–11 cm) is very likely to occur at one or two places over North & South 24 Parganas, As per ERFs large deficit in rainfall was recorded from 25.08.22 to 7.9.22. Based on MME forecast from 9.9.22 to 22.09.22 above normal rainfall is predicted. Based on MME forecast for next two week the maximum temperature will be below normal and for minimum temperature slightly above normal is predicted. To know the nowcast weather forecast for thunderstorm follow WhatsAppmessges

### SMS Advisory:

As heavy rainfall is recorded and also predicted immediately drain out excess water from vegetable field and betel vine garden and apply fungicide after removal of depression.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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Crop(Varieties)	Crop Specific Advisory
RICE	Aman paddy (Wet seeded) Tilling Stage • As heavy rainfall is recorded immediate drain out excess water. • As enhanced rainfall activity is predicted on next two days no spraying should be done on next five days. • Where field was found fully flooded wait for drain out of water then apply potash fertilizer and mixed up with soil for better growth and tillering. • Where seedlings found damaged in several rows replant the tillers in the gap. • Inspect the field for checking disease pest attack during morning hours. • Follow hand weeding to keep the field weed free but not to apply any herbicide now at low water level condition. • Where 15 – 20 days over after transplanting follow first top dressing with 8kg/bigha for high yielding variety and 10kg/bigha for conventional paddy atleast after 2-3 days. • Never apply urea fertilizer in flooded field otherwise it will provoke huge blust infestation.

### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CAULIFLOWER	<ul style="list-style-type: none"> <li>• Early winter vegetables (Cauliflower, cabbage) • Immediate drain out excess water and arrange clear furrow for further water removal. • Take care for no water stagnation for preventing wilting. Place where already planting completed before</li> <li>Early winter Vegetables • Vegetative stage • Stem rot or blunt rot due to occasional rainfall and high humidity • Spray a mixture of Bavitin@1g/liter of water and DiethaneM-45@2.5g/liter of water • No spraying should be done on next 2-3 days. • As enhance rainfall activity is predicted arrange for drain out excess water trough furrow otherwise rotting/wilting may take place.</li> </ul>
BETELVINE	<ul style="list-style-type: none"> <li>• Betel vine • Growing • Immediate drain out excess water and remove mud affected leaves. • Harvest healthy leaves as much as possible. • Arrange proper drainage facility as enhance rainfall activity is predicted.</li> </ul>