



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



Agromet Advisory Bulletin

Date : 17-01-2023

Weather Forecast of District 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2023-01-17(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2023-01-18 | 2023-01-19 | 2023-01-20 | 2023-01-21 | 2023-01-22 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 26.0 | 26.0 | 26.0 | 26.0 | 27.0 |
| Tmin(°C) | 16.0 | 15.0 | 15.0 | 17.0 | 18.0 |
| RH-I(%) | 72 | 60 | 48 | 42 | 40 |
| RH-II(%) | 40 | 40 | 34 | 30 | 28 |
| Wind Speed(kmph) | 8.0 | 9.3 | 8.5 | 8.2 | 9.9 |
| Wind Direction(Degree) | 243 | 248 | 27 | 45 | 26 |
| Cloud Cover(Octa) | 0 | 0 | 0 | 3 | 0 |

Weather Summary/Alert:

Light rainfall is predicted on 19th January. • Sky will be mainly clear in next 5 days . • Wind speed will be 8.0-9.9 km/hr and the predominant wind direction will be Northerly . • Maximum temperature is expected to be around 26.0-27.0 degree and minimum temperature is likely to be 15.0-18.0 degree. • Maximum and minimum relative humidity will be in the range of 40-72% and 28-40%

General Advisory:

As per extended range forecast no rainfall is recorded from 29.12.22 to 11.1.23 . Based on MME forecast below normal rainfall is predicted from 13.1.23 to 26.1.23. Based on MME forecast Tmax will be above normal in Week 1 and 2. and for Tmin, it will show above normal in Week 1 and week 2. To know the nowcast weather forecast for thunderstorm follow WhatsApp messages

SMS Advisory:

As light rainfall is predicted with high humidity and above normal Tmin, pulses may be attacked by rust, apply Chlorothalonil at clear weather.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|---|
| RICE | Boro paddy (Early sown) • With one month age • Where seedlings are one month age prepare main field for transplanting • After drained out of water from seed bed apply urea before 7 days of transplanting so that seedlings become strong and never bend down in main field due to strong Northern wind • During land preparation of main field follow basal dose of fertilizer as urea@9kg/bigha, SSP@54kg/bigha and MOP@11kg/bigha • During land preparation apply 0.66 Tone compost |
| MUSTARD | Mustard Flowering stage. Due to humid weather as the effect of Western Disturbance plants may be attacked by white rust disease. • In diseased field apply a mixture of Metalaxyl 8% and Mancozeb 64% WP @ 37g per 15 liter of water. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|--------------------------------|--|
| BRINJAL | Brinjal , Chilli, tomato Flowering/ fruiting stage fungal attack • As there is a chance of light rainfall due to the effect of western disturbance arrange proper weed free irrigation channel in the field. • For preventing the crop from fungal attack after rain apply fungicide before or after rain Mancozeb 75% WP @37 g per 15 liter of water or Chlorothalonil 75% WP @ 37 g per 15 liter of water. |

Others (Soil / Land Preparation) Specific Advisory:

| Others (Soil / Land Preparation) (Varieties) | Others (Soil / Land Preparation) Specific Advisory |
|---|--|
| AGRI FIELD | Potato Vegetative to tuber initiation As light rainfall is predicted there is a chance of late blight disease • Apply copper oxychloride 50% WP @ 4g per liter of water or Mancozeb 75% WP @ 2.5g per liter of water or Copper Hydroxide 77% WP @ 2.5g per liter of water as a precaution measure. • Don't irrigate the field unnecessarily • Restrict application of any fertilizer and micronutrient. • Apply fungicide at the lower portion of leaves and stem. • Don't apply same fungicide repeatedly |