



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



Agromet Advisory Bulletin

Date : 14-02-2023

Weather Forecast of District 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2023-02-14(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2023-02-15 | 2023-02-16 | 2023-02-17 | 2023-02-18 | 2023-02-19 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 28.0 | 28.0 | 29.0 | 29.0 | 30.0 |
| Tmin(°C) | 14.0 | 15.0 | 16.0 | 18.0 | 20.0 |
| RH-I(%) | 40 | 77 | 83 | 82 | 78 |
| RH-II(%) | 20 | 26 | 38 | 44 | 44 |
| Wind Speed(kmph) | 9.2 | 8.3 | 10.5 | 12.0 | 13.7 |
| Wind Direction(Degree) | 324 | 248 | 212 | 207 | 212 |
| Cloud Cover(Octa) | 0 | 0 | 0 | 1 | 1 |

Weather Summary/Alert:

No rainfall is predicted on next 5 days. • Sky will be mainly clear in next 5 days . • Wind speed will be 8.3-13.7 km/hr and the predominant wind direction will be Southwesterly to Northeasterly . • Maximum temperature is expected to be around 28.0-30.0 degree and minimum temperature is likely to be 14.0-20.0 degree. • Maximum and minimum relative humidity will be in the range of 40-83% and 20-44%

General Advisory:

As per extended range forecast no rainfall is recorded from 26.1.23 to 8.2.23 . Based on MME forecast below normal rainfall is predicted from 10.2.23 top 23.2.23. Based on MME forecast Tmax will be above normal in Week 1 and 2. and for Tmin, it will show below normal in Week 1 and week 2. To know the nowcast weather forecast for thunderstorm follow WhatsAppmessages

SMS Advisory:

As temperatur is increasing at day and lower at night ,for preventing fungal blast apply Trycyclozole or Kopiconazole

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|---|
| RICE | Boro paddy Now in vegetative stage. Fungal blast ,brown spot and stem borer attack may take place due to dense morning fog and rising temperature. • Keep the water level minimum and remove the morning dew regularly by stirring with bamboo stick. • Apply weedicide pretilachlor or butachlor at 7-10 days interval. • If precaution against blast did not follow in seed bed then apply Trycyclozole or Kopiconazole @ 5g per 10 litre of water for preventing blast. • For preventing stemborrer attack or any borer attack apply |

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|---|
| | Chlorothanolipol+Thiamithoxon (Trade name: Virtiko) 20 days after transplanting and 2nd dose should be applied at 45 DAT. • Farmers who did not apply Chlorothanolipol they should apply one spray of Chlorpyriphos and cypermethrin (Trade name:hamla 550 or cannon) @1.5ml per liter of water at 7 days interval for stem borre attack (if adult moth found in the plants). • For brown spot attack apply Diethane M-45 or Diethane M-78 @ 2.5g per liter of water. |
| MUSTARD | Mustard Siliqua growing stage Aphid attack --Use light trap during night time --For heavy attack spray Metasystox@1.5ml/liter of water |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|-------------------------|--|
| OKRA/ LADIES' FINGER | Okra --Select some variety like arka anamika, arkaprava, pusa shaoni,parvani, kranti etc for desi variety and for hybrid variety mahiko hybrid 10,64, kamini, shakti, abantika etc. etc. for sowing --Befor sowing apply compost and for prventing the crop from worm and other pest apply Furadon 3G@2.9kg/bigha -- Sow the seed in case of desi variety@10-15kg/bigha and for hybrid variety@3.7-5kg/bigha --The spacing should be maintain for desi variety 35cm X 30cm and for hybrid variety 60cm X 30-45cm --Before sowing treat the seed by 0.2% bavistin@2g/liter of water |