



Gramin Krishi Mausam Sewa

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



Agromet Advisory Bulletin

Date : 25-01-2022

Weather Forecast of 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2022-01-25(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-01-26	2022-01-27	2022-01-28	2022-01-29	2022-01-30
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	23.0	23.0	22.0	21.0	22.0
Tmin(°C)	16.0	15.0	14.0	14.0	14.0
RH-I(%)	68	68	55	58	46
RH-II(%)	45	47	47	36	30
Wind Speed(kmph)	8.3	12.7	13.0	13.1	12.0
Wind Direction(Degree)	22	34	22	22	338
Cloud cover(octa)	3	2	2	0	0

Weather Summary/Alert:

Light rainfall is predicted on 27th January only . • Sky will be partly cloudy to mainly clear in the next 5 days. • Wind speed will be 8.2-13.7 km/hr and the predominant wind direction will be Northerly . • Maximum temperature is expected to be around 22.7-25.6 degree and minimum temperature is likely to be 11.3-15.8 degree. • Maximum and minimum relative humidity will be in the range of 54-74% and 31-53%

General Advisory:

As per ERFs large excess rainfall was recorded from 8.1.22 to 19.01.22 Based on MME forecast in next two week from 21.1.22 to 27.01.22 above normal rainfall is forecasted and from 28.1.22 to 3.2.22 normal rainfall is forecasted. Based on MME forecast Tmax will be mostly below normal in Week 1 and 2. and for Tmin, it will show slightly above normal in Week 1 and week 2

SMS Advisory:

As light to moderate rainfall with overcast sky followed by foggy weather observed take precaution against late blight of potato and wilting of vegetables.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Boro paddy Transplanting almost completed • Maintain minimum water level in the field and apply weedicide pretilachlor or butachlor within 5 days of transplanting under clear weather condition. • For preventing stemborrer attack at panicle initiation stage apply Chlorothalonil granule @4kg per hect 15-20 days after transplanting during clear weather so that the poison effect will decrease at panicle initiation stage.
BLACK GRAM	Lathyrus • Flowering to pod initiation stage. • Rust attack due to low temperature with fog • Spray Chlorothalonil@ 2ml per liter of water at early noon when there is no fog.

Crop(Varieties)	Crop Specific Advisory
MUSTARD	Mustard Flowering stage • White rust attack due to overcast sky with foggy weather and humid condition. • If plants found attacked by white rust apply a mixture of Metalaxyl 8% and Mancozeb 64% WP @ 2.5g per liter of water

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Brinjal , Chilli, tomato • Flowering/ fruiting stage • As light to moderate rainfall and overcast sky followed by foggy weather observed due to the effect of western disturbance immediate drain out the water from base of plants. • For preventing the crop from fungal attack, during clear weather 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.
MANGO	Mango, Jackfruit • Flowering stage • Hopper and fungal attack due to foggy weather. • Spray fresh water for removing fog • For hopper attack spray Carbaryl@2g per liter of water. • For fungal attack spray Diethane M-45@2.5g per liter of water • Spraying should be done strictly during afternoon hours so that honey bee movement never be hampered

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
PLANT PROTECTION	Potato • As light to moderate rainfall and overcast sky followed by foggy and humid weather observed due to the effect of western disturbance 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 in case of healthy plants. • If plants already attacked by bacterial leaf blight Daimithomorf 50% WP @ 1.3g per liter of water or a mixture of Cymoxanil and Mancozeb 64% @3g per liter of water. • 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