



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



Agromet Advisory Bulletin

Date : 21-01-2022

Weather Forecast of 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2022-01-21(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-01-22	2022-01-23	2022-01-24	2022-01-25	2022-01-26
Rainfall(mm)	9	2	19	10	1
Tmax(°C)	24.9	25.6	25.9	25.2	24.3
Tmin(°C)	15.4	15.9	17.3	13.2	13.6
RH-I(%)	77	83	79	92	77
RH-II(%)	51	49	58	68	55
Wind Speed(kmph)	9.4	12.9	17.4	13.7	9.6
Wind Direction(Degree)	158	167	159	146	27
Cloud Cover(Octa)	2	1	5	2	0

Weather Summary/Alert:

• Light to moderate rainfall is predicted on next 4 days. • Sky will be partly cloudy to mainly clear in the next 5 days. • Wind speed will be 9.1-16.1 km/hr and the predominant wind direction will be Northerly to Southerly. • Maximum temperature is expected to be around 24.3-25.9 degree and minimum temperature is likely to be 13.2-17.3 degree. • Maximum and minimum relative humidity will be in the range of 74-89% and 45-60%

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 is predicted due to the effect of Western disturbance complete transplanting of boro paddy and maintain minimum water level in the field.

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. • For preventing stemborer attack at panicle initiation stage apply Cabofuran granule 15-20 days after transplanting during clear weather so that the poison effect will decrease at panicle initiation stage.

Crop(Varieties)	Crop Specific Advisory
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.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Brinjal , Chilli, tomato • Flowering/ fruiting stage • As there is a chance of light to moderate rainfall due to the effect of western disturbance arrange proper weed free irrigation channel in the field. • 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 above normal 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 • If irrigation required apply irrigation through furrow by filling 2/3rd portion of furrow.