



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



Agromet Advisory Bulletin

Date : 12-04-2022

Weather Forecast of District 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2022-04-12(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-04-13	2022-04-14	2022-04-15	2022-04-16	2022-04-17
Rainfall(mm)	0	0	2	0	1
Tmax(°C)	36.5	34.4	35.4	34.6	33.4
Tmin(°C)	26.9	27.1	27.2	27.2	27.2
RH-I(%)	81	81	77	85	82
RH-II(%)	50	55	57	59	62
Wind Speed(kmph)	28.1	31.3	32.4	30.3	28.5
Wind Direction(Degree)	202	202	202	198	201
Cloud Cover(Octa)	2	4	4	1	2

Weather Summary/Alert:

Light rainfall is predicted on 15th and 17th April. • Sky will be mainly clear in next 5 days . • Wind speed will be 28.1-32.4 km/hr and the predominant wind direction will be Southerly to Southwesterly . • Maximum temperature is expected to be around 33.4-36.5 degree and minimum temperature is likely to be 26.9-27.2 degree. • Maximum and minimum relative humidity will be in the range of 77-85% and 50-62%

General Advisory:

As per ERFs large deficit in rainfall was recorded from 24.03.22 to 30.03.22 and from 31.3.22 to 6.4.22 no rainfall was recorded. Based on MME forecast in next two week from 8.4.22 to 14.04.22 below normal rainfall is forecasted and from 15.04.22 to 21.04.22 above normal rainfall is forecasted. Based on MME forecast Tmax will be mostly above normal in Week 1 and 2. and for Tmin, it will show negative anomaly in Week 1 and week 2.

SMS Advisory:

As maximum temperature rising apply irrigation in summer vegetable field and sprinkler irrigation in betel vine garden and mango orchard during afternoon hours.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Boro paddy Anthesis/milk stage • Gandhi bug attack and brown plant hopper attack • Spray Imidachlorpit@3ml/10liter water at the base of plant • Stirring the plants at each 6th row for better penetration of solar radiation because BPH attack take place at the base.

Crop(Varieties)	Crop Specific Advisory
GREEN GRAM	• Mung • Vegetative/flowering • Leaf eating caterpillar • Yellowing of leaf • Leaf curl disease • Spray Triazophos @1.5ml/liter of water • Apply micronutrient like a mixture of chilated zinc@0.5g/liter of water, Boron@1.5-2g/liter and molibdenum@0.5g/liter of water • For leaf curl Spray Imidachlorpit@3ml/10liter water • For better flowering spray 2% DAP
SUNFLOWER	• Sunflower • Heading/seed filling stage. • Head borer attack and caterpillar attack. • For head borer attack Spray SAF @2g/liter of water. • Spray Borax@0.5ml/liter of water for better flowering. • If head of flower attack by caterpillar spray Fame@3ml/10 liter of water at afternoon hours.
CUCUMBER	• Summer cucurbits • Fruiting stage • Blight attack and yellowing of leaf • Apply SAF @2g/liter of water • For yellowing of leaf spray Planktomyacin@0.5g/liter of water

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	• Mango • Tender fruit dtage • Shadding of tender fruit • For hardening of petiole spray fresh water to the plant.