



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



Agromet Advisory Bulletin

Date : 18-04-2023

Weather Forecast of District 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2023-04-18(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-04-19	2023-04-20	2023-04-21	2023-04-22	2023-04-23
Rainfall(mm)	0.0	0.0	0.0	2.0	1.0
Tmax(°C)	38.0	39.0	38.0	36.0	36.0
Tmin(°C)	29.0	29.0	29.0	28.0	28.0
RH-I(%)	59	73	74	80	75
RH-II(%)	32	39	47	47	45
Wind Speed(kmph)	26	28	27	24	22
Wind Direction(Degree)	207	207	212	204	207
Cloud Cover(Octa)	0	0	2	4	6

Weather Summary/Alert:

Light rainfall is predicted on 22nd and 23rd April only. • Sky will be mainly clear to partly cloudy in next 5 days . • Wind speed will be 20-28 km/hr and the predominant wind direction will be Southwesterly . • Maximum temperature is expected to be around 36.0-39.0 degree and minimum temperature is likely to be 28.0-29.0 degree. • Maximum and minimum relative humidity will be in the range of 59-80% and 32-47%

General Advisory:

General Advisory: As per extended range forecast excess rainfall is recorded from 23.3.23 to 05.4.23. Based on MME forecast below normal rainfall is predicted from 7.4.23 to 23.4.23. Based on MME forecast Tmax will be below 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 WhatsAppmessages

SMS Advisory:

As heatwave is observed continuously follow irrigation during afternoon hours in vegetable field and betelvine garden and any type of farm operation should be done early morning or afternoon hours

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Boro paddy • Maturity stage. • Start harvesting where 80% grain found mature. • Use combine harvester if possible. • As heatwave is there farmers are advise to do any farm operation at early morning or afternoon hours.
CUCUMBER	Summer cucurbits Fruiting • Effect of high temperature • Apply straw mulching or dry coconut leaf mulching to check the evaporation • Apply irrigation at afternoon hours.

Crop(Varieties)	Crop Specific Advisory
GREEN GRAM	Mung Pod formation stage • Pod borer attack and leaf eating caterpillar attack • For leaf eating caterpillar attack spray compound pesticide Cypermethryn+propenophos (profex super) @1.5ml/liter of water • For pod borer attack spray Spinosad @1.5ml per liter of water

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Chilli Fruiting stage Leaf curl due to mite and thrips attack • Spray Acetamopride@1g/liter of water or Propenophos@1.5ml/liter of water

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Cattle All stages Dehydration and loose motion • As temperature will be high in next 5 days avoid the cattle for free grazing during noon • For loose motion purify the drinking water by mixing Potassium Per Manganet @10g/1liter of water or 2% alum in the drinking water. • Don't use pond water for drinking purpose use tube well water or tap water • Feed the cattle at morning and evening time • Increase water intake by keeping stored water near feeding bucket (80liter water/300-400kg body wt.)

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Poultry Grower and layer Effect of high temperature • Apply more water pot in the cage • Mix electrolyte with drinking water • Arrange fan in brooder house