



# Gramin Krishi Mausam Sewa

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



## Agromet Advisory Bulletin

Date : 28-12-2021

Weather Forecast of 24-PARAGANAS-SOUTH(West Bengal) Issued On : 2021-12-28(Valid Till 08:30 IST of the next 5 days)

Parameter	2021-12-29	2021-12-30	2021-12-31	2022-01-01	2022-01-02
Rainfall(mm)	0.0	2.0	0.0	0.0	0.0
Tmax(°C)	27.0	26.0	26.0	26.0	25.0
Tmin(°C)	17.0	16.0	17.0	16.0	15.0
RH-I(%)	59	77	64	53	51
RH-II(%)	37	38	46	37	37
Wind Speed(kmph)	7.2	15.8	14.4	14.4	13.7
Wind Direction(Degree)	105	45	30	22	255
Cloud cover(octa)	2	3	0	1	0

### Weather Summary/Alert:

There will be probability of 2mm rainfall on 30.12.2021 . • Sky will be clear in next 5 days. • Wind speed will be 7.2-15.8 km/hr and the predominant wind direction will be Northeasterly to Northwesterly . • Maximum temperature is expected to be around 25.0-27.0 degree and minimum temperature is likely to be 15-17 degree. • Maximum and minimum relative humidity will be in the range of 51-77% and 37-46%

### General Advisory:

As per ERFs deficit rainfall was recorded from 9.12.21 to 15.12.21 and no rainfall was recorded and from 16.12.21 to 22.12.21. Based on MME forecast in next two week from 24.12.21 to 06.01.22 above 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 mostly below normal in Week 1 and week 2

### SMS Advisory:

As mostly below normal temperature is forecasted take special care of seedlings and sprouted seeds of boro paddy in seed bed for avoiding low temp shock.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
-----------------	------------------------

Crop(Varieties)	Crop Specific Advisory
RICE	Boro paddy Early sown boro paddy with one month age • Where seedlings are more than one month age prepare main field for transplanting • After drained out of water from seed bed apply urea before 7 days of transplanting so that seedlings become strong and never bend down in main field due to strong Northern wind • During land preparation of main field follow basal dose of fertilizer as urea@9kg/bigha, SSp@54kg/bigha and MOP@11kg/bigha • During land preparation apply 0.66 Tone compost • As temperature is low maintain minimum water level during transplanting. For nursery bed with growing seedlings (15 DAS) • Chance of Root rot and yellowing of seedlings due to low temperature • Make shade by transparent polythene over seed bed • Follow water treatment (fill the bed with water during evening and remove the water at morning hours ) for temperature conservation when seedlings are already grown up • Stirring the seedlings for removing fog over seedlings. • Apply boron and zinc EDTA 0.5g/liter of water for getting healthy seedlings • Apply Diethane M-45@2.5g/liter of water after complete drain out of water from seed bed with growing seed lings • Avoid urea application on growing seed bed for avoiding its cooling effect.
MUSTARD	Mustard At vegetative stage. • Spodoptera attack may take place which transferred from harvested aman paddy field. • Apply Chlothanolipole or Flubendamide@ 1.5ml per liter of water

### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Cattle • Take special care for newly delivered mother cow • Keep clean and dry the new born calf and cowshed • Cover the openings of shed by jute bag • Feed the cattle dry food • Cover the young one by jute bag

### Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON FISH	Fishery • Apply less amount of floating food only day time • If wound is found at the base of tail dip the fishes into the solution of Potassium Per Manganet and free them into pond • Clean the surrounding for direct sunlight • Stirring the fishes with net must be done per week • Apply 8-10 kg lime mixed with water per bigha pond area

### Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Poultry Chicks, Layers and growers Effect of extreme low temperature • In case of new born chicks keep them litter spread over old news paper • Maintain the temperature of brooder house with electric bulb • Where poultry house made over earthen floor use dimmed burning coal throughout the night to maintain the temperature inside chick's place