



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



Agromet Advisory Bulletin

Date : 17-05-2022

Weather Forecast of District MEDINIPUR-EAST(West Bengal) Issued On : 2022-05-17(Valid Till 08:30 IST of the next 5 days)

Parameter	2022-05-18	2022-05-19	2022-05-20	2022-05-21	2022-05-22
Rainfall(mm)	5.0	0.0	4.0	3.0	5.0
Tmax(°C)	35.0	34.0	34.0	34.0	35.0
Tmin(°C)	29.0	28.0	29.0	29.0	28.0
RH-I(%)	79	78	74	72	72
RH-II(%)	52	54	52	41	32
Wind Speed(kmph)	31.7	28.8	28.0	27.8	28.6
Wind Direction(Degree)	202	202	202	202	180
Cloud Cover(Octa)	3	2	5	1	3

Weather Summary/Alert:

Light rainfall is predicted in next 5 days. • Sky will be mainly clear in next 5 days . • Wind speed will be 27.2-31.7 km/hr and the predominant wind direction will be Southerly to Southwesterly . • Maximum temperature is expected to be around 34.0-35.0degree and minimum temperature is likely to be 28.0- 29.0degree. • Maximum and minimum relative humidity will be in the range of 72-79% and 41-54%

General Advisory:

As per ERFs large excess rainfall was recorded from 28.04.22 to 11.05.22 . Based on MME forecast in next two week from 13.05.22 to 26.05.22 above normal rainfall is forecasted Based on MME forecast Tmax will be above normal in Week 1 and 2. and for Tmin, it will show positive anomaly in Week 1 and week 2.

SMS Advisory:

As maximum temp is forecasted to increase above normal follow deep summer ploughing to kill the larvae or pupa of soil borne pest for next season.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Boro paddy • Deep summer ploughing should be done in harvested boro paddy field to destroy eggs and pupa of insects • Sow green manuring crop like cluster bean, daincha etc after harvesting of boro paddy in order to fertilize the field and conserve moisture in soil

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BETELVINE	• Betel vine • Growing leaf stage. • Togra or Foska disease due to hot and humid weather. • Spray water with sprayer during morning for avoiding dump condition within the garden. • Apply any fungicide after water spray. • Keep the surroundings tightly.
BRINJAL	• Summer vegetables • Okra, brinjal, tomato • Fruiting • Shoot and fruit borer attack • To control shoot and fruit borer collect the affected fruits and buried into the soil • If infestation found high then spray Spinosad 48EC @1ml/liter of water.
MANGO	Mango, Guava • Mango: Fruits going to mature • Follow fertilizer application with Orgnaic manure and urea at frui bearing plants, next fertilizer application should be done after monsoon. Guava • Flowering stage complete. • For getting good quality of fruit during winter season stop irrigation and pulverize the soil of the garden. • After dropping of flower, tender fruit and some leaves again follow proper fertilizer application and irrigation.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	• Cattle • At all stages • Heat stress • Now temperature is increasing • Feed the cattle at morning and evening time • Avoid mung mash and mustard cake in their food and supply arhar or black gram mash and sesame or linseed cake • Increase water intake by keeping stored water near feeding bucket (80liter water/300-400kg body wt.) • Feed them a mixture of water (15liter)+molasses (250g)+basan (500g)+salt (50g) and sodium carbonate(50g) per cow during noon hours for avoiding high temperature

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
CARP	• Fishery • All stages • Low food intake due to hot weather • Feed the fishes during morning and afternoon hours • Make shadow by green pana (aquatic weed) at one side of pond • Uproot the weeds from the bottom of pond water for more oxygen supply