

BIDHAN CHANDRA KRISHI VISWAVIDYALAYA
MEDIUM-RANGE WEATHER FORECAST AND AGRO-ADVISORY
(Agromet Advisory Services, IMD, MoES)

Directorate of Research,
B.C.K.V., Kalyani.



E-mail : aaskalyani@gmail.com ,
bhowmickmahasweta2012@gmail.com

From Kalyani (Nadia, WB)

Weather Forecast for North 24-pgs District

FORECAST PERIOD: : 21st September to 25th September, 2018

Weather forecast for next five day

Special Forecast :

A low pressure area has formed over Eastcentral Bay of Bengal and adjoining Myanmar coast. It is likely to become more marked and concentrate into a Depression during next few days. Under the influence of above system fairly widespread to widespread heavy rainfall activity alongwith thunderstorms and lightning are very likely over Gangetic West Bengal during 19th to 21st September.

- Mainly cloudy sky is expected during next 5 days .
- Heavy (21st & 22nd Sep.) rainfall is expected during next few days, total will be 169mm.
- Wind flow mainly from E, SE & N direction with 3.2 - 7.4 km/hr. speed during next 5 days is expected.
- Maximum relative humidity is expected to be around 88%-91% and minimum relative humidity is expected to be around 65% - 82%.
- Maximum temperature is expected to be around 33.4°C -37.1°C and minimum temperature is expected to be around 27.4°C - 27.7°C .

Warning :

Rough to very rough sea conditions are very likely over south, central and north Bay of Bengal along & off West Bengal, Odisha & Andhra Pradesh coasts. Fishermen are advised not to venture into these areas.

Agrometeorological Advisory :

Farmers are advised to stop immediately all types of spraying operations.

Crop	Stage	Advisory
Corn	Sowing	Farmers are advised for sowing of sweet corn & baby corn in raised bed. Treat the seed with Carbendazim 50WP @ 2 gm/kg seed or Mancozeb 45WP @ 2.5gm/kg seed or <i>Trichoderma</i> spp. @ 5 gm/kg. seed.

Aman	Vegetative	At this time paddy crop is in vegetative stage. Farmers are advised to monitor crop regularly, if population of leaf folder or stem borer is above ETL than broadcast of Cartap 4% granules or carbofuran 3% G @ 10 kg/acre or chlorpyrifos 20 EC @ 2 ml/ litre of water for effective control is recommended. In present weather condition, constant monitoring for brown plant hopper in paddy field is advised.. If insect population is above ETL spray of Imidacloprid 17.8 % SC@ 1.0 ml / 3 lit of water or is recommended.Spray Tricyclozole 75%WP @ 1.5gm/L or Propiconazole 25%EC @ Hexaconazole 5EC @ 1.5ml/L or Carbendazim 50WP @ 1.0gm/L , if there is sheath blight disease appearance in the field.
Bhindi, Brinjal , Chilly	Vegetative	Constant monitoring of ladyfinger, brinjal and chilli crop against attack of mite and jassid is advised. To control mite, spraying of phosmite @ 2 ml per litre of water is advised while spraying of Dimethoate 30 EC @ 2 ml/liter of water is advised against jassid when sky remain clear.
Cabbage, Cauliflower	Vegetative	Farmers are advised to monitor borer insect. If insect population is above ETL than, spraying of Spinosad 1.0 ml/4 litre of water is advised when sky is clear against fruit borer, diamond back moth etc.
Chrysanthemum & Marigold	Sowing	Farmers are advised to prepare marigold & chrysanthemum nursery in net house. Proper drainage should be done in the fields. Apply <i>Trichoderma</i> spp. along with organic matter@ 5 gm/kg. of organic matter in the nursery bed soil.