

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

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From Kalyani (Nadia, WB)

Weather Forecast for Nadia District

FORECAST PERIOD : : 12th September to 16th September,2018

Weather forecast for next five day

According to SPI data sent by IMD the weather of New Alluvial Zone of West Bengal will be Mildly Wet in the coming week.

- Mainly cloudy sky is expected during next few days .
- Medium rainfall is expected during next few days with total 94 mm.
- Wind flow mainly from SW,W & S direction with 1.2-3 km/hr. speed during next 5 days is expected. %
- Maximum relative humidity is expected to be around 82% -91% and minimum relative humidity is expected to be around 54% - 59%.
- Maximum temperature is expected to be around 33.9°C – 34.8°C and minimum temperature is expected to be around 27.1 °C -28.6 °C .

Agrometeorological Advisory

According to NDVI data sent by IMD agricultural vigour of New Alluvial Zone of West Bengal will be moderate in the coming week.

| 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 chlorpyriphos 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 |

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| | | @ 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. |
