

**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 Hooghly District*

FORECAST PERIOD: : 13<sup>th</sup> October to 17<sup>th</sup> October, 2018

**Weather forecast for next five days**

- Light to heavy (13<sup>th</sup> Oct. ) is expected during next few days .Total rainfall 114m.m.
- Mainly cloudy sky is expected during next few days.
- Wind flow mainly from NW, W & E direction with 1.3-4.7 km/hr. speed during next 5 days is expected.
- Maximum relative humidity is expected to be around 79 %-95% and minimum relative humidity is expected to be around 48% - 79%.
- Maximum temperature is expected to be around 26.3 °C -30.2 °C and minimum temperature is expected to be around 22.7°C -24.7°C

**Agrometeorological Advisory :**

Crop	Stage	Advisory
Kharif rice	Vegetative and Panicle Emergence	At this time paddy crop is in anthesis / flowering 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	Reproductive	Constant monitoring of okra crop against the attack of fruit borer and whitefly is advised. To control fruit borer, spraying of Spinosad 1.0 ml/4 litre of water is advised, and to control whitefly, spraying of Imidacloprid 5.0 ml/15 lt. of water is advised when sky remain clear.

Brinjal	Vegetative and Reproductive	Constant monitoring of brinjal crop against the attack of shoot and fruit borer is advised. Clipping off of the infested shoot just below the the borer infested area and destroy it at regular interval. To control fruit borer, spraying of Spinosad 1.0 ml/4 litre of water is advised when sky remain clear.
Chilli	Vegetative and Reproductive	Constant monitoring of chilli crop against the attack of thrips and yellowt mite is advised. To control thrips, spraying of Fipronil 2.0 ml/ litre of water is advised and to control yellow mite, spraying of Oberon/Omite 2.5 ml/ litre of water is advised when sky remain clear.
Cabbage, Cauliflower	Vegetative	Transplanted seedling of cauliflower is advised to apply boron at regular interval. Spraying of borax 2.5 g/lit of water or Solibor 20% @ 1 g/lit of water at 25 days after transplanting (DAT), 35 DAT and 45 DAT is advised Farmers are advised to monitor borer insect. If insect population is above ETL, spraying of Spinosad 1.0 ml/4 litre of water is advised when sky is clear against borer, diamond back moth etc.
Tomato	Sowing	Farmers are advised to prepare nursery bed to raise seedlings of tomato.
Dolichos bean	Vegetative	Farmers are advised to make trellises in dolichos bean. Monitoring of field is necessary to observe the attack of Bihar hairy caterpillar and aphids. For hairy caterpillar, spraying of Chlorpyrifos 2.5 ml/lit is advised. For control of bean aphids, spraying of Imidacloprid 5.0 ml/15 lt. of water is advised.
Pointed gourd	Sowing	Farmers are advised to prepare field for planting of vine cuttings.