

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: 30th Decemember to 3rd January, 2017

Weather forecast for next five days

- Partly Cloudy sky on 31th December & 1st January and clear sky during rest 3 days are expected.
- No rainfall during these 5 days is expected.
- Wind flow mainly from North direction with 7-10 km/hr. speed during next 5 days is expected.
- Maximum relative humidity is expected to be around 40%-53% and minimum relative humidity is expected to be around 23% - 26%.
- Maximum temperature is expected to be around 26°C-27°C and minimum temperature is expected to be around 12°C-13°C.

Agrometeorological Advisory

| Crop | Stage | Advisory |
|------------------|----------------------|--|
| Potato | Tuber Initiation | Infection of blight may occur in potato . Constant monitoring is advised. If symptoms appears than spray of Carbandizam @ 1.0 gm / litre of water or Dithane-M-45 @ 2.0 gm / litre of water is recommended. |
| winter vegetable | Fruiting or seedling | one irrigation is recommended after weeding. |
| mustard | Flowering | In present weather condition constant monitoring of aphid is advised in mustard crop. If aphid population is above ETL than spraying of Rogar or Quinalphos @ 2.0 ml / litre water is recommended. |
| Chilly | Vegetative | For aphid, hoppers, white fly apply Imidachloropid @ 1ml/5lit. of water or thiomethoxam @ 1g/3lit of water. For yellow mite apply propergite 2.5 ml/lit. of water.to control sucking pest of chilli apply Flubenamide 39.35% SC @ 4 ml/tank. |
| Goat & sheep | General | Contagious Caprine Pleuropneumonia (CCPP) and Pox virus Cold climate is favourable for CCPP in goat which causes severe respiratory distress including pneumonia that may leads to death. Precaution to escape from direct coldness is preventive measure. Small ruminants and prone to pox virus. Immunization against this virus keeps the animal disease free and healthy |