

**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: 6<sup>th</sup> Decemember to 10<sup>th</sup> Decemember 2017**

**Weather forecast for next five days**

- Partly cloudy sky on 7<sup>th</sup> & 8<sup>th</sup> December and Mainly Cloudy sky on 9<sup>th</sup> & 10<sup>th</sup> December are expected.
- 9<sup>th</sup> December & 10<sup>th</sup> December light rainfall and no rainfall during rest 3 days are expected. Total rainfall of 9 mm. is expected during these 5 days.
- Wind flow mainly from North & North- East direction with 6-11 km/hr. speed during next 5 days is expected.
- Maximum relative humidity is expected to be around 56% - 93% and minimum relative humidity is expected to be around 34% - 89%.
- Maximum temperature is expected to be around 26°C - 27°C and minimum temperature is expected to be around 15°C - 17°C.

**Agrometeorological Advisory**

<b>Crop</b>	<b>Stage</b>	<b>Advisory</b>
<b>Potato</b>	<b>Sowing</b>	Field preparation in harvested paddy field for early variety of potato like Kufri Jyoti, kufri chipsona, Ashoka etc. and cut worm affected areas apply chloropyriphos 50 EC@ 200 ml/ acare in the channel with sand and husk before sowing of potato.
<b>Cauliflower</b>	<b>Seed bed preparation</b>	Seed beds to be sprayed with apply Copper hydroxide @2.0 g/ lit. of water. To protect seedling stage of cauliflower, cabbage from cutworm infestation drenching of soil by chloropyriphos 50 EC @ 3ml/lit. of water. Application to be done preferably at the afternoon hour. To avoid damping off treat the seed bed soil with trichoderma mixed with organic manure @5g/kg and treat the seeds with thiram @2 g/ kg of seed before sowing. After emergence if there is death of seedlings, then apply cupper oxy chloride as soil drenching @ 2g/lit. of water.
<b>Legume vegetable</b>	<b>vegetative</b>	Apply Potassic fertilizer, copperoxichloride @ 4 gm/lit of water. For root rot apply (Metalaxyl + Mancozeb) @2.0 g/ lit. of water as soil drenching.
<b>Cattle and Buffalo</b>	<b>General</b>	Seasonal variation may cause outbreak of FMD & POX in large ruminants. Vaccination against these diseases (self/through ARD Dept.) Will ensure better health and production. Anthelminitics of course for animals in proper doses is admissible for better production potentials. Sanitary measures in the cattle shed ensure better health.
<b>Chicken</b>	<b>General</b>	Chicks below 2 months susceptible to Brooder pneumonia during this season. Proper ventilation and brooding arrangement reduce the mortality. Immunization against ND (Ranikhet) & pox to all age group of birds is advisable.